

Data File : BG036732.D
Acq On : 15 Sep 2018 9:05
Operator : JU/SJ
Sample : J4771-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Quant Time: Sep 17 03:47:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58464	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	241161	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	165070	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	423758	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	405748	20.00	ng	-0.01
86) Perylene-d12	24.89	264	424175	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	389750	105.75	ng	0.00
7) Phenol-d6	7.21	99	516238	97.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	370909	83.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	281373	142.85	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	827701	71.59	ng	-0.01
78) Terphenyl-d14	20.02	244	1469025	84.62	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	55813	32.449	ng	# 95
3) Pyridine	3.94	79	118016	24.444	ng	97
4) n-Nitrosodimethylamine	3.84	42	85671	39.840	ng	98
6) Aniline	7.38	93	98035	14.637	ng	97
8) 2-Chlorophenol	7.62	128	173354	43.373	ng	97
9) Benzaldehyde	7.19	77	38293	10.538	ng	94
10) Phenol	7.24	94	212356	38.456	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	173555	39.644	ng	99
12) 1,3-Dichlorobenzene	7.94	146	179716	39.379	ng	99
13) 1,4-Dichlorobenzene	8.09	146	181678	39.429	ng	98
14) 1,2-Dichlorobenzene	8.41	146	175288	39.834	ng	96
15) Benzyl Alcohol	8.29	79	177319	41.684	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	327185	37.059	ng	98
17) 2-Methylphenol	8.49	107	158909	43.338	ng	99
18) Hexachloroethane	9.13	117	66016	39.961	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	154201	39.101	ng	95
20) 3+4-Methylphenols	8.82	107	224955	43.943	ng	99
22) Acetophenone	8.87	105	279157	44.081	ng	# 99
24) Nitrobenzene	9.26	77	233450	48.707	ng	95
25) Isophorone	9.77	82	434787	49.241	ng	96
26) 2-Nitrophenol	9.96	139	100792	53.068	ng	99
27) 2,4-Dimethylphenol	10.02	122	179661	51.093	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	247700	45.709	ng	99
29) 2,4-Dichlorophenol	10.50	162	195975	50.853	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	193931	43.017	ng	100
31) Naphthalene	10.91	128	562498	46.659	ng	99
32) Benzoic acid	10.16	122	103793	40.577	ng	95
33) 4-Chloroaniline	11.01	127	24096	4.362	ng	96
34) Hexachlorobutadiene	11.19	225	131060	43.269	ng	97
35) Caprolactam	11.79	113	34572	22.520	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	226280	50.533	ng	99
37) 2-Methylnaphthalene	12.51	142	443315	50.257	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	255214	43.689	ng	99
40) Hexachlorocyclopentadiene	12.85	237	302448	99.509	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	177513	49.885	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	191137	50.359	ng	99
45) 1,1'-Biphenyl	13.51	154	577150	42.121	ng	99
46) 2-Chloronaphthalene	13.55	162	447467	42.777	ng	99
47) 2-Nitroaniline	13.75	65	155415	47.314	ng	95
48) Acenaphthylene	14.40	152	769354	47.061	ng	99
49) Dimethylphthalate	14.13	163	637504	47.296	ng	99
50) 2,6-Dinitrotoluene	14.25	165	141184	50.903	ng	98
51) Acenaphthene	14.74	154	459157	43.855	ng	100
52) 3-Nitroaniline	14.58	138	52891	17.696	ng	98
53) 2,4-Dinitrophenol	14.78	184	102953	97.997	ng	97
54) Dibenzofuran	15.07	168	732852	44.678	ng	99
55) 4-Nitrophenol	14.88	139	208950	85.502	ng	98
56) 2,4-Dinitrotoluene	15.03	165	199188	55.103	ng	93
57) Fluorene	15.72	166	597195	48.702	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	195025	54.690	ng	97
59) Diethylphthalate	15.49	149	622973	45.861	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	342948	45.293	ng	99
61) 4-Nitroaniline	15.74	138	128996	41.243	ng	92
62) Azobenzene	16.01	77	607638	43.964	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	101429	54.488	ng	93
65) n-Nitrosodiphenylamine	15.93	169	553702	43.975	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	229429	46.243	ng	98
67) Hexachlorobenzene	16.73	284	232931	45.915	ng	98
68) Atrazine	16.87	200	211156	44.678	ng	98
69) Pentachlorophenol	17.07	266	278544	80.787	ng	98
70) Phenanthrene	17.47	178	1004335	46.643	ng	98
71) Anthracene	17.55	178	1010484	47.078	ng	98
72) Carbazole	17.82	167	899194	41.948	ng	99
73) Di-n-butylphthalate	18.38	149	1018587	42.672	ng	99
74) Fluoranthene	19.47	202	1182490	45.043	ng	100
76) Benzidine	19.65	184	61601	4.759	ng	98
77) Pyrene	19.83	202	1182938	47.410	ng	99
79) Butylbenzylphthalate	20.71	149	468529	47.184	ng	96
80) Benzo(a)anthracene	21.67	228	1163567	47.336	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	186732	19.061	ng	99
82) Chrysene	21.73	228	1096418	47.058	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	630803	45.397	ng	99
84) Di-n-octyl phthalate	22.78	149	1072536	46.211	ng	97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1332497	49.239	ng	100
87) Benzo(b)fluoranthene	23.87	252	1156920	49.117	ng	97
88) Benzo(k)fluoranthene	23.94	252	1105977	48.062	ng	98
89) Benzo(a)pyrene	24.74	252	1117882	49.389	ng	100
90) Dibenzo(a,h)anthracene	28.61	278	1080766	49.461	ng	97
91) Benzo(g,h,i)perylene	29.68	276	1104568	50.303	ng	98

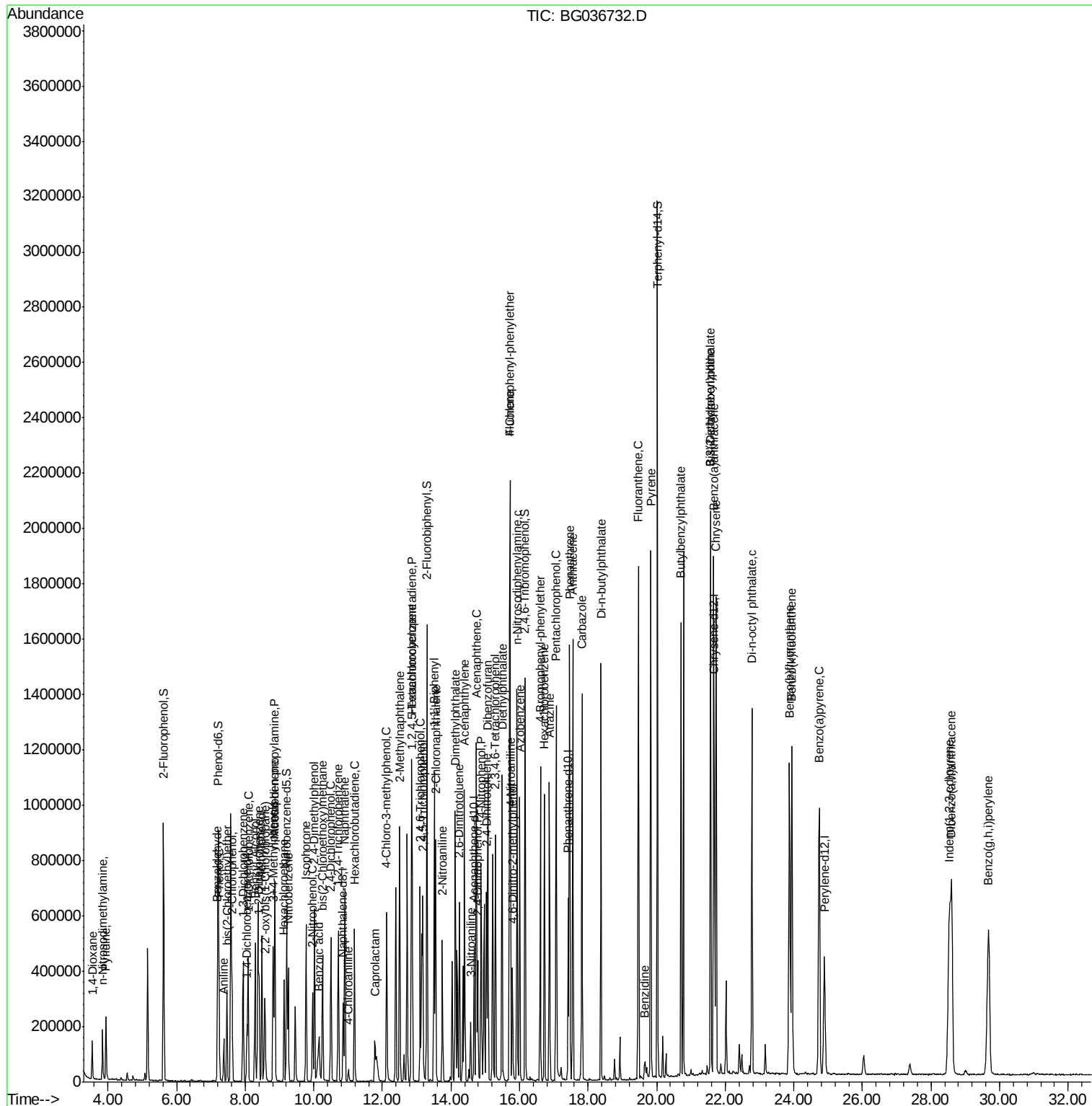
(#) = qualifier out of range (m) = manual integration (+) = signals summed

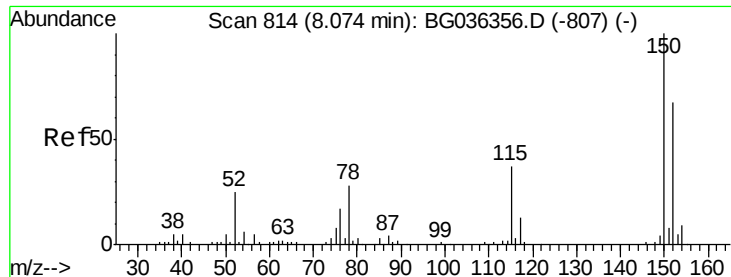
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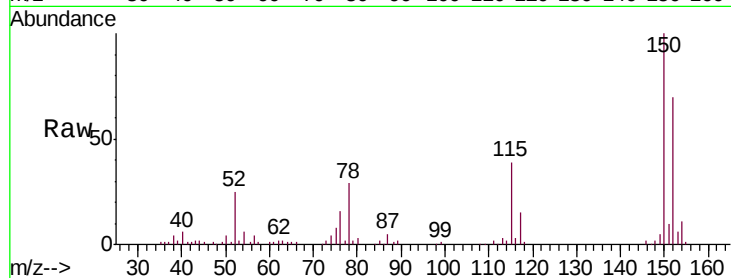




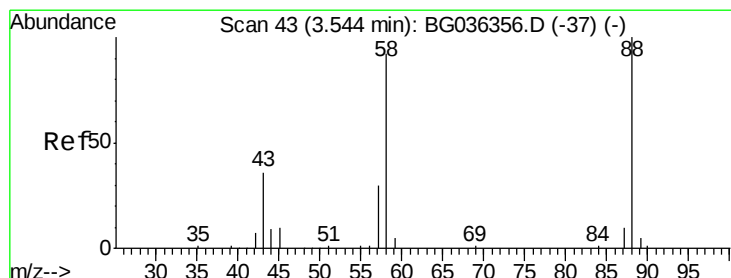
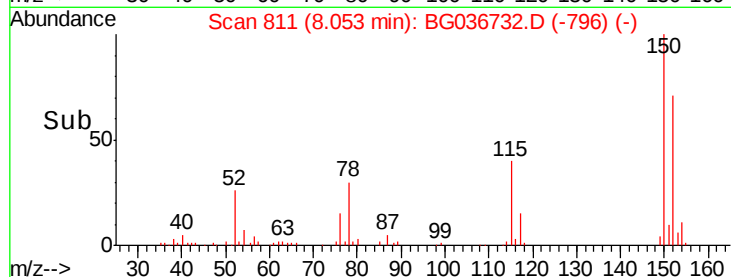
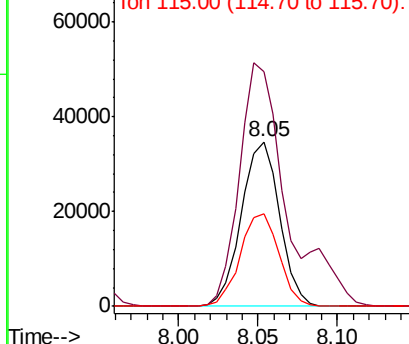
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tgt Ion:152 Resp: 58464
 Ion Ratio Lower Upper
 152 100
 150 142.8 119.5 179.3
 115 56.1 44.5 66.7

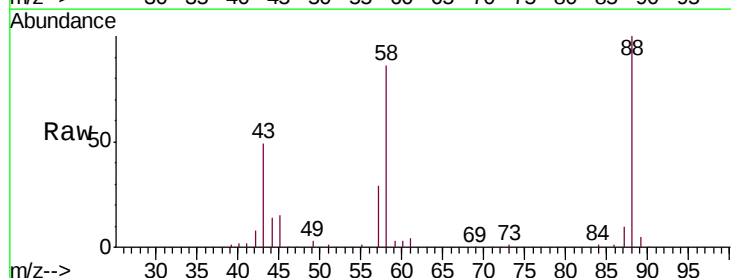


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

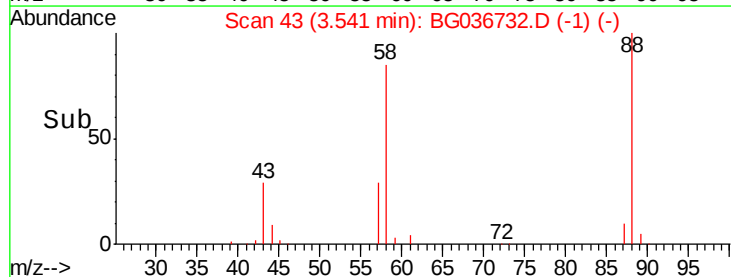
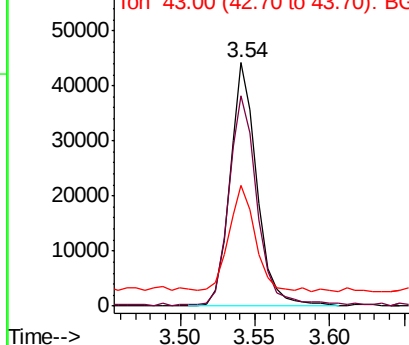


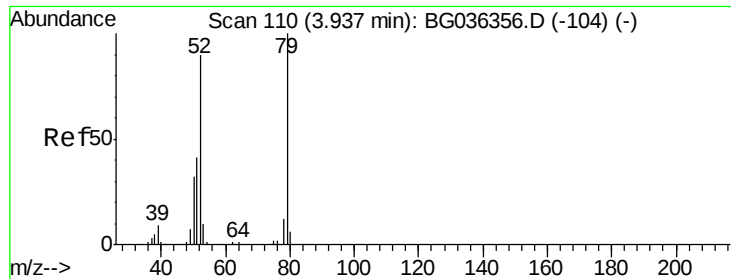
#2
 1,4-Dioxane
 Concen: 32.449 ng
 RT: 3.54 min Scan# 43
 Delta R.T. 0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion: 88 Resp: 55813
 Ion Ratio Lower Upper
 88 100
 58 89.4 72.6 109.0
 43 44.4 29.0 43.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 24.444 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

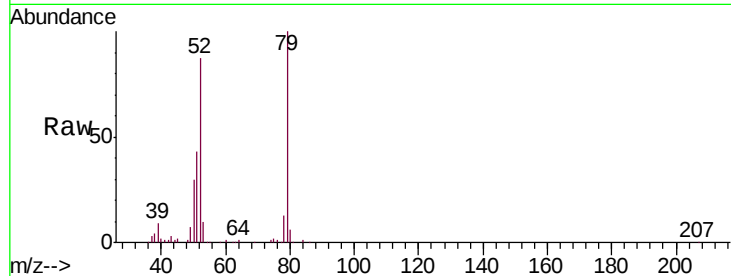
Tgt Ion: 79 Resp: 118016

Ion Ratio Lower Upper

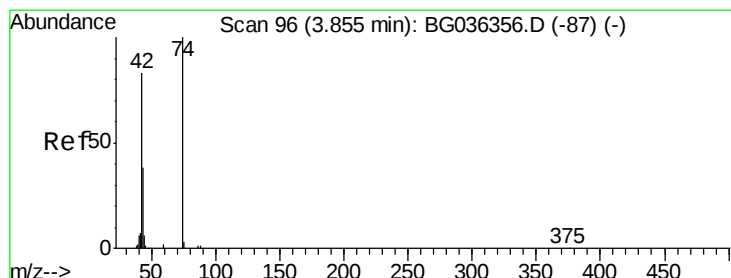
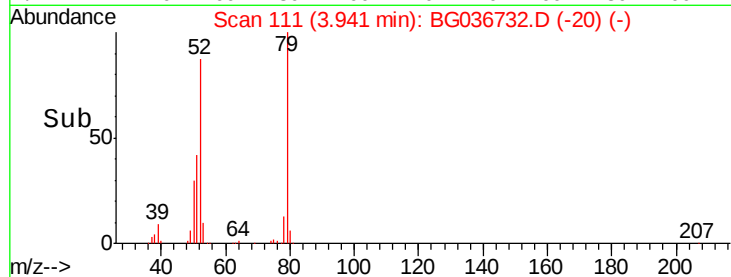
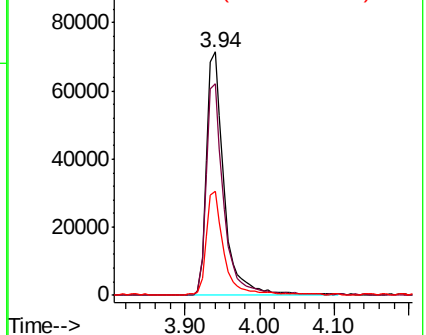
79 100

52 87.0 72.3 108.5

51 42.7 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.840 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

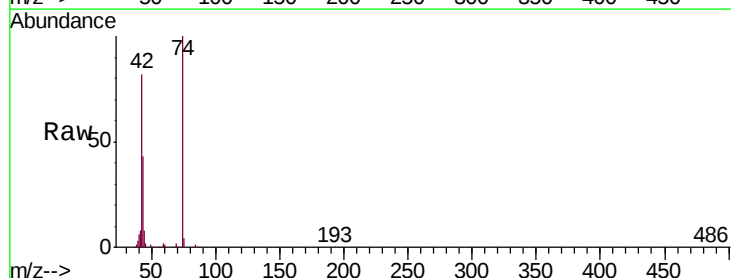
Tgt Ion: 42 Resp: 85671

Ion Ratio Lower Upper

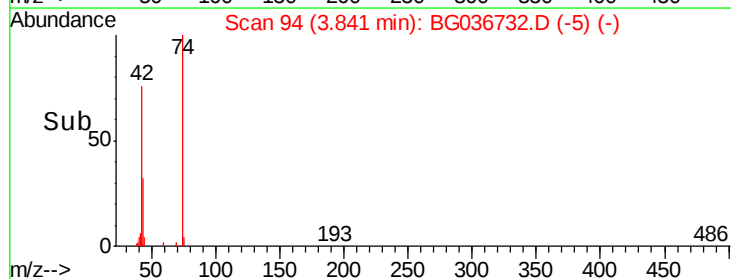
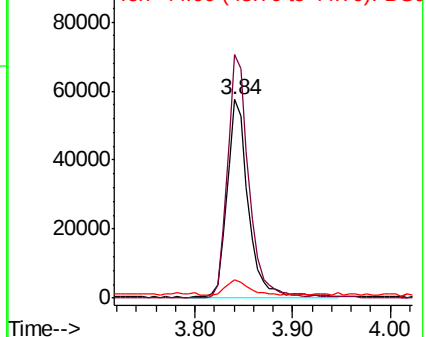
42 100

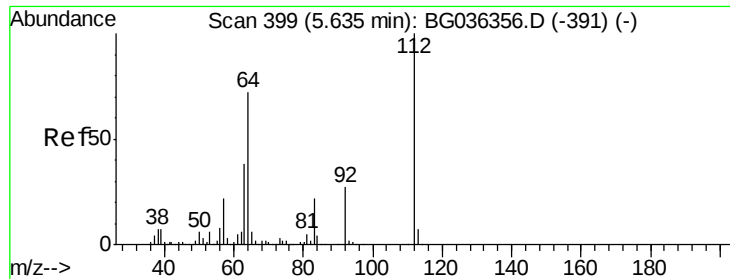
74 122.7 96.6 145.0

44 9.3 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 105.750 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

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NB-08-091218MSD

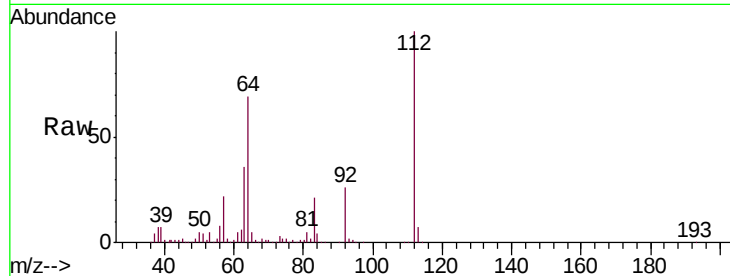
Tgt Ion:112 Resp: 389750

Ion Ratio Lower Upper

112 100

64 69.4 57.2 85.8

63 36.3 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

300000

250000

200000

150000

100000

50000

0

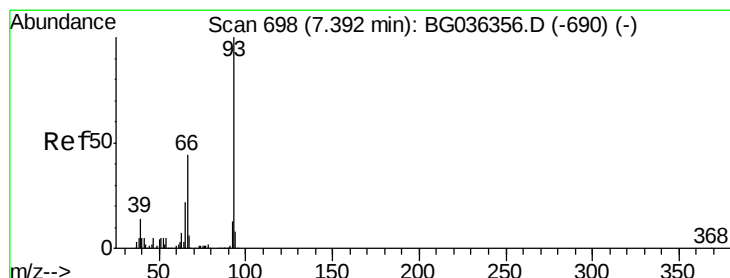
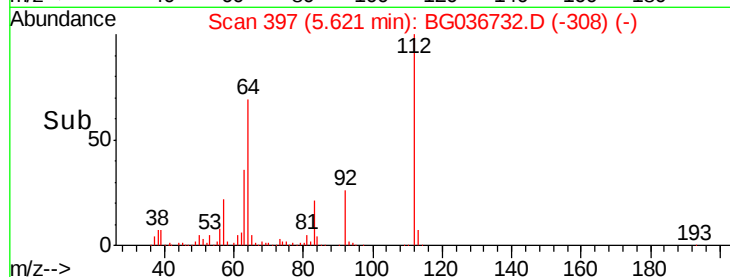
5.62

5.50

5.60

5.70

Time-->



#6

Aniline

Concen: 14.637 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

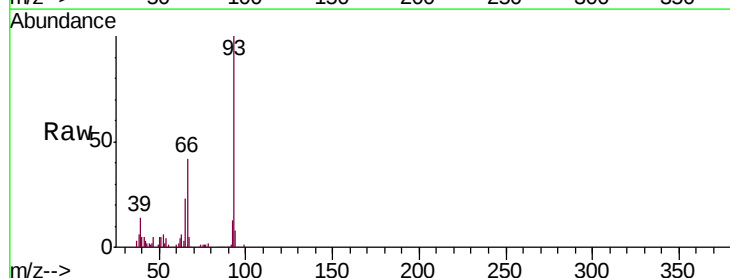
Tgt Ion: 93 Resp: 98035

Ion Ratio Lower Upper

93 100

66 41.9 35.0 52.4

65 23.0 17.6 26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

150000

100000

50000

0

7.38

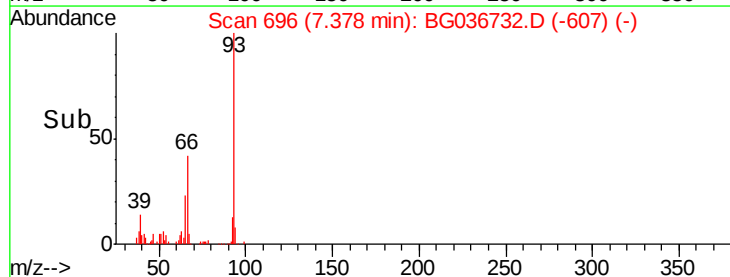
7.30

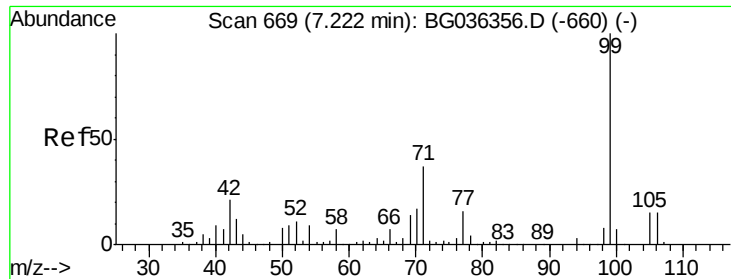
7.35

7.40

7.45

Time-->





#7

Phenol-d6

Concen: 97.831 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

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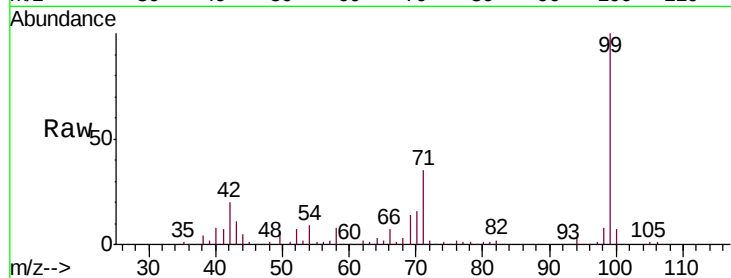
Tgt Ion: 99 Resp: 516238

Ion Ratio Lower Upper

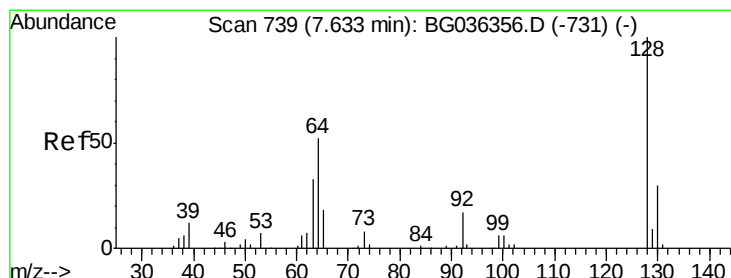
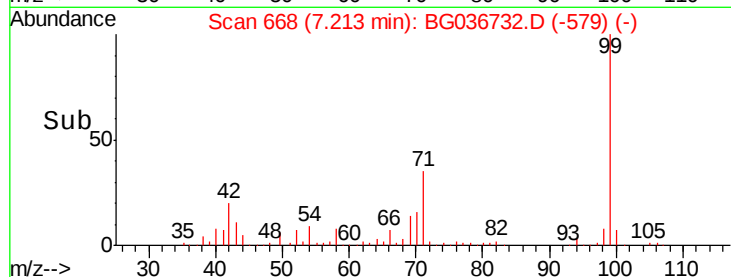
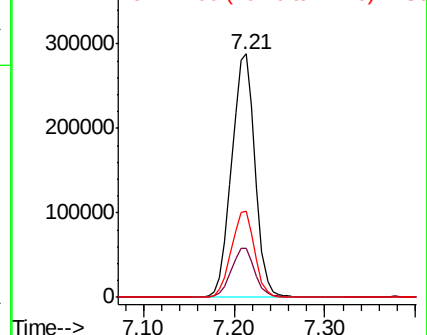
99 100

42 20.2 16.5 24.7

71 35.3 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.373 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

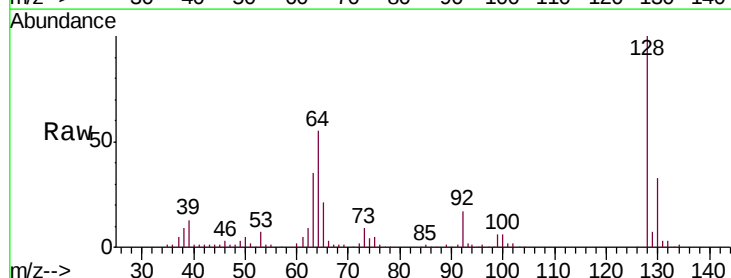
Tgt Ion: 128 Resp: 173354

Ion Ratio Lower Upper

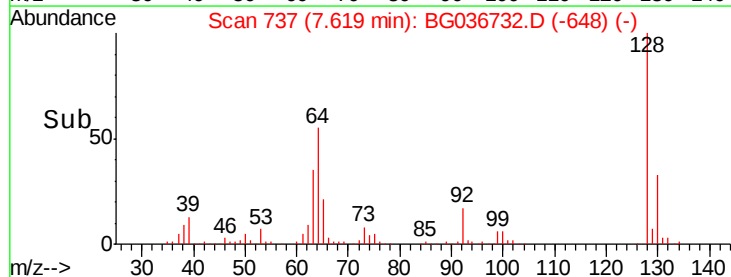
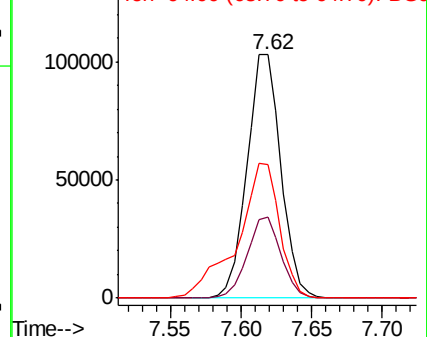
128 100

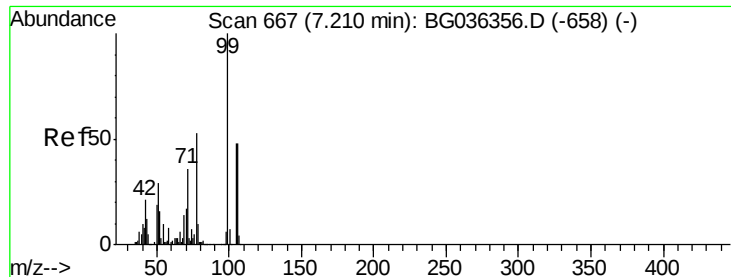
130 33.3 10.0 50.0

64 54.6 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 10.538 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

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ClientSampleId :

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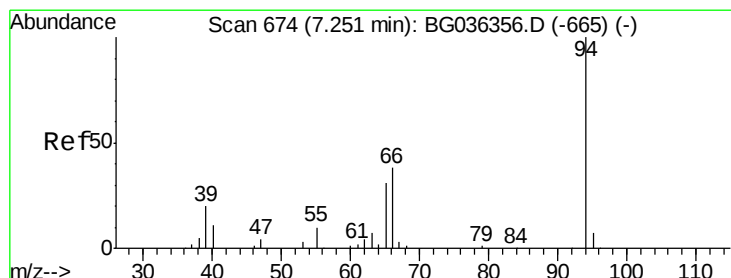
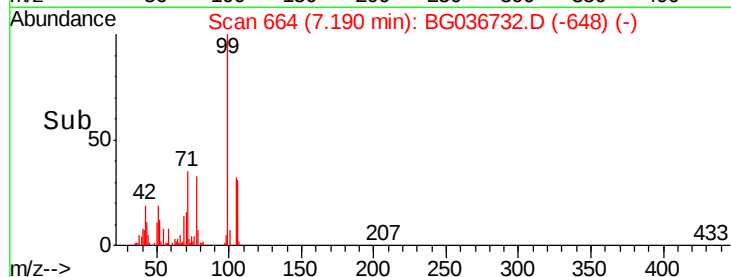
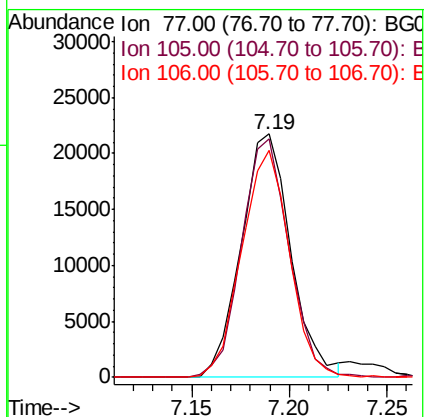
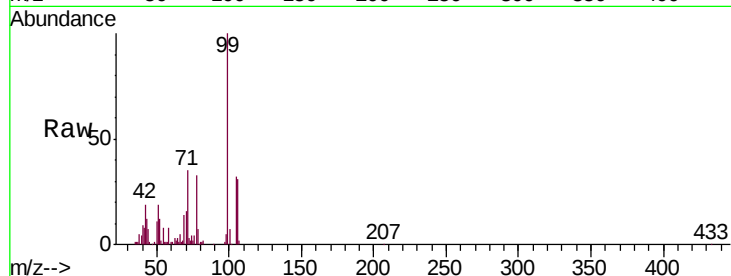
Tgt Ion: 77 Resp: 38293

Ion Ratio Lower Upper

77 100

105 97.9 70.5 110.5

106 93.4 69.8 109.8



#10

Phenol

Concen: 38.456 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

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Acq: 15 Sep 2018 9:05

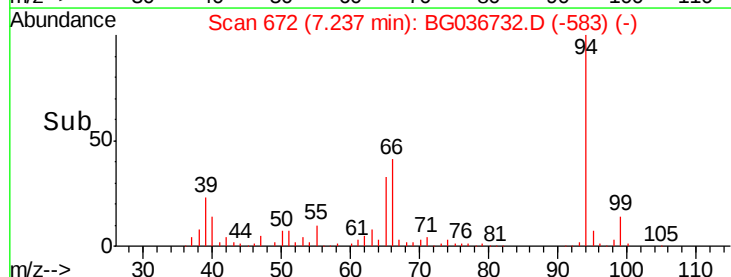
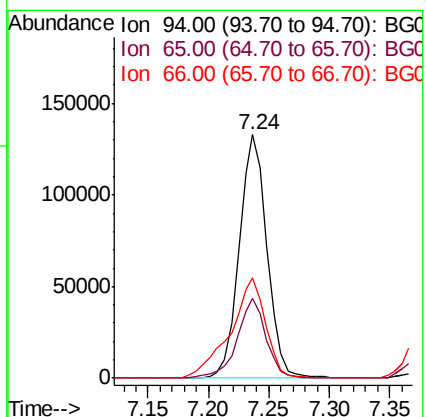
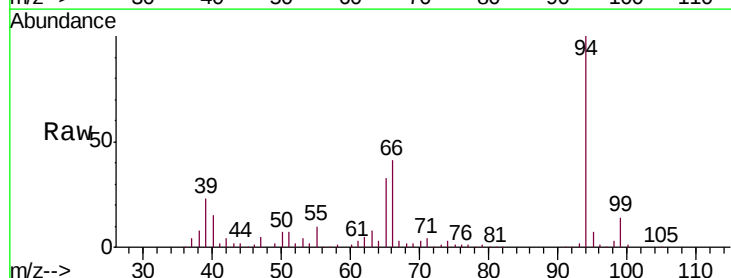
Tgt Ion: 94 Resp: 212356

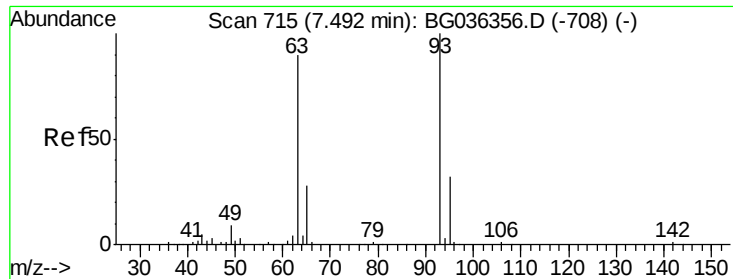
Ion Ratio Lower Upper

94 100

65 32.5 11.5 51.5

66 41.4 19.5 59.5

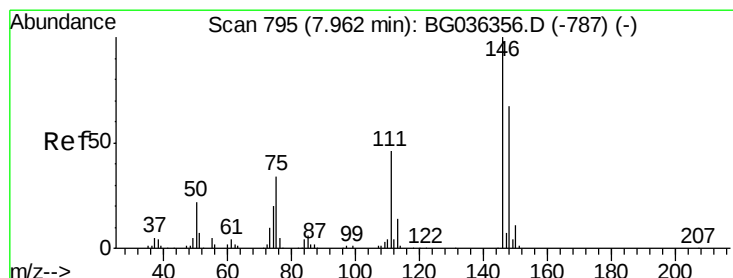
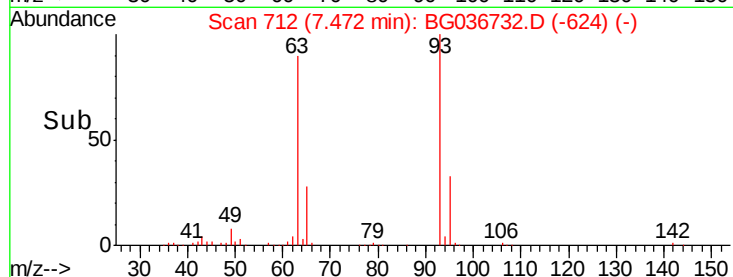
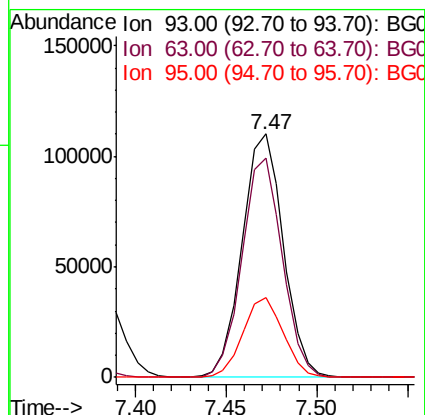
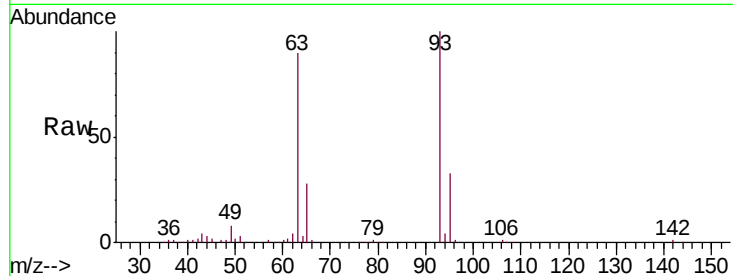




#11
bis(2-Chloroethyl)ether
Concen: 39.644 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

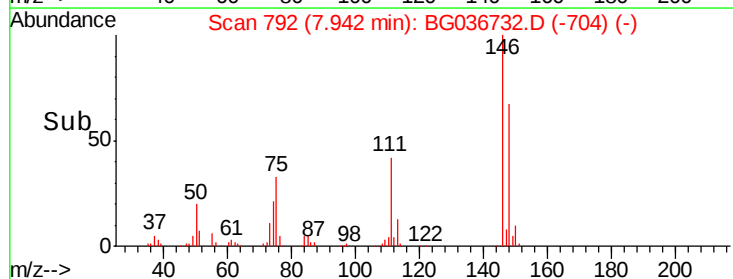
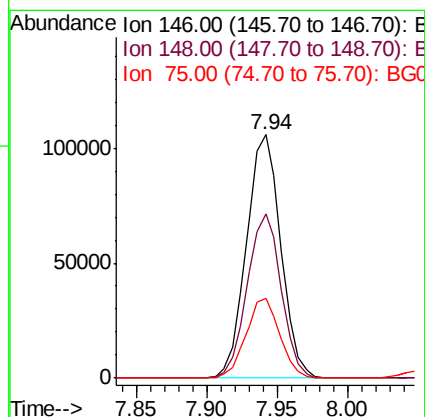
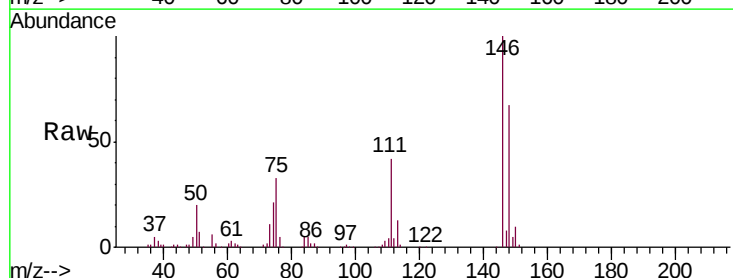
Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

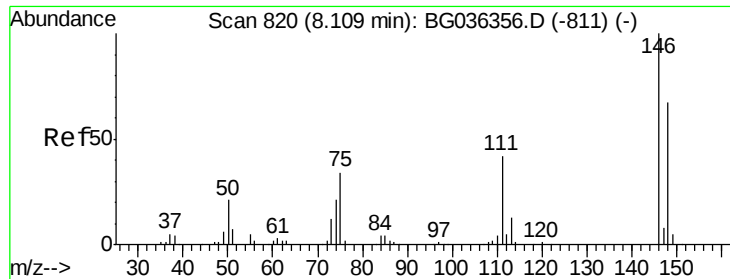
Tgt Ion: 93 Resp: 173555
Ion Ratio Lower Upper
93 100
63 90.3 69.9 109.9
95 32.6 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 39.379 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion: 146 Resp: 179716
Ion Ratio Lower Upper
146 100
148 67.3 53.8 80.6
75 32.6 27.2 40.8

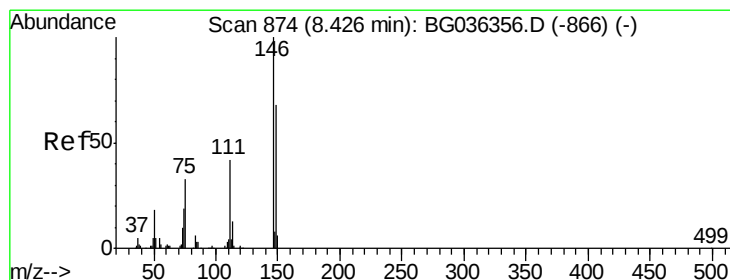
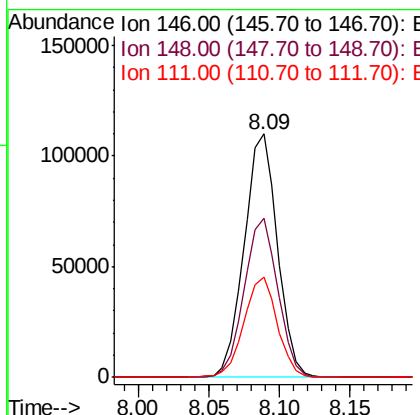
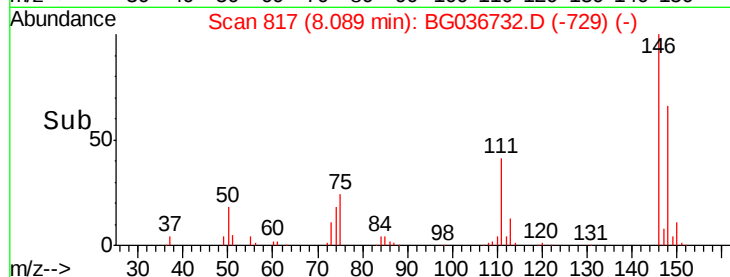
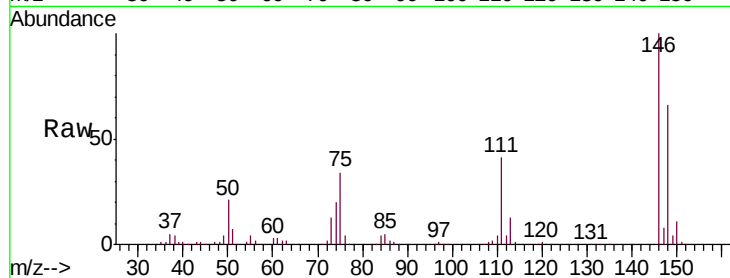




#13
 1,4-Dichlorobenzene
 Concen: 39.429 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

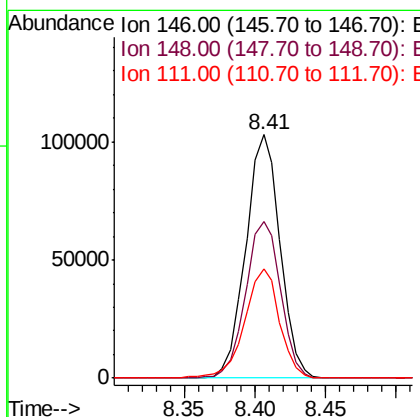
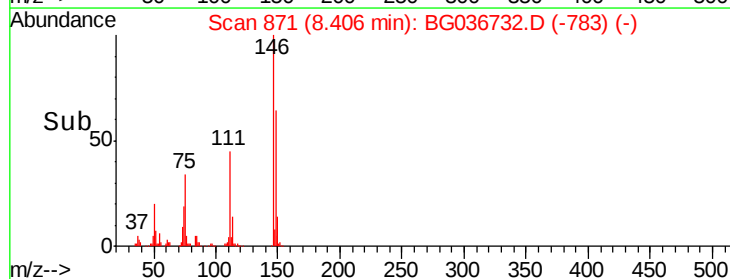
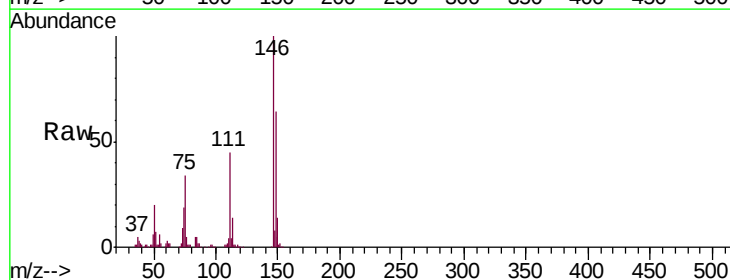
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

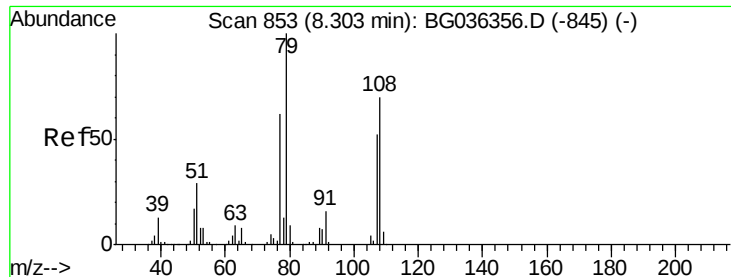
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.9	80.9
111	41.3	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 39.834 ng
 RT: 8.41 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	55.0	82.6
111	44.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 41.684 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

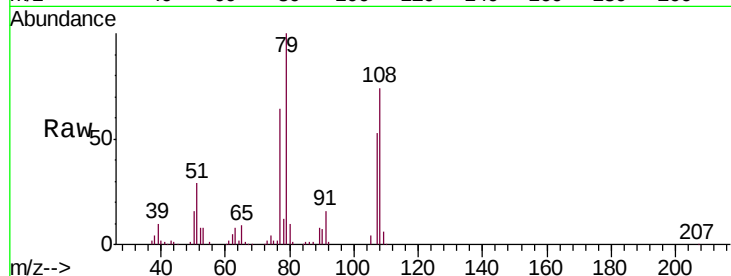
Tgt Ion: 79 Resp: 177319

Ion Ratio Lower Upper

79 100

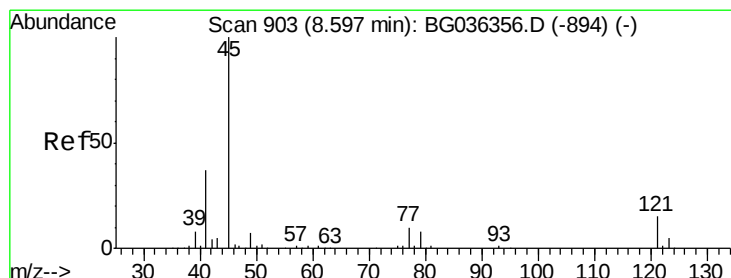
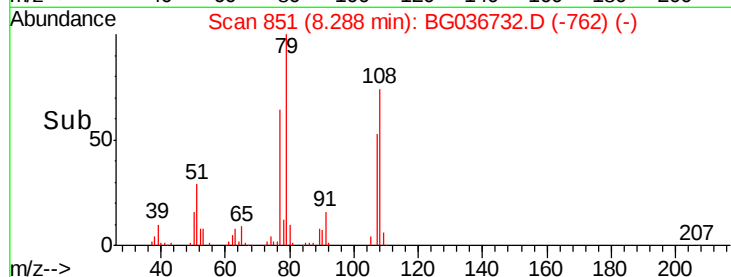
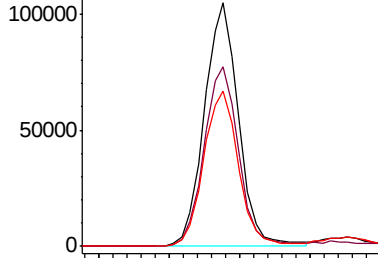
108 73.6 55.9 83.9

77 63.9 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

8.29



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.059 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

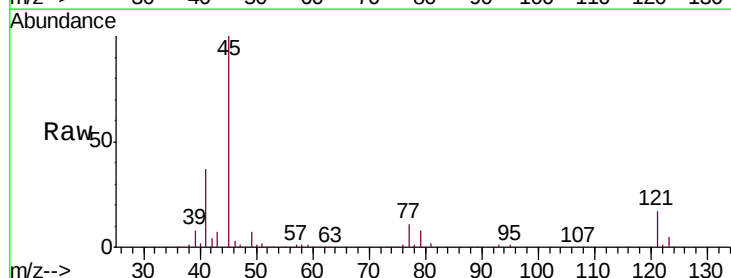
Tgt Ion: 45 Resp: 327185

Ion Ratio Lower Upper

45 100

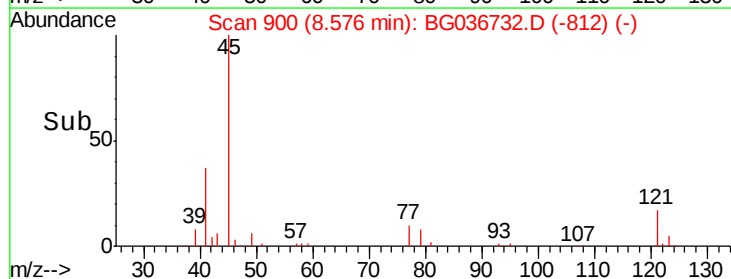
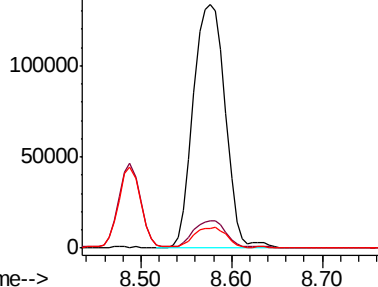
77 11.4 0.0 30.5

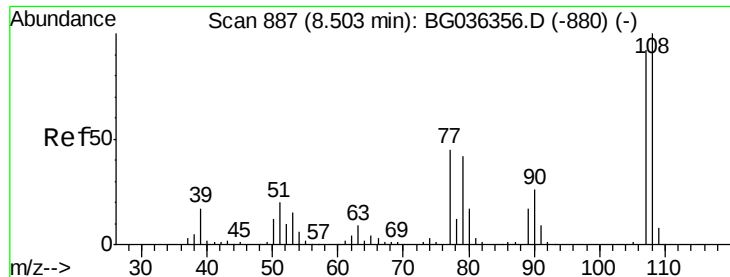
79 8.3 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

8.58

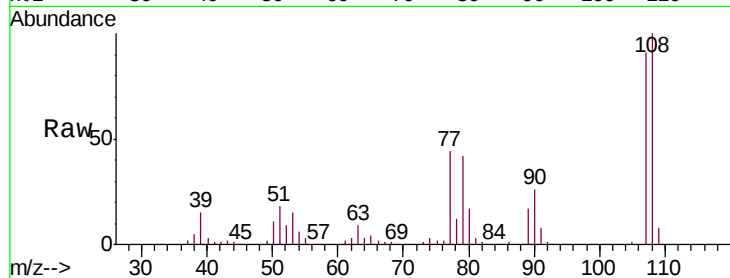




#17
2-Methylphenol
Concen: 43.338 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tgt Ion:	107	Resp:	158909
Ion	Ratio	Lower	Upper
107	100		
108	110.3	86.7	130.1
77	48.4	39.0	58.4
79	46.6	36.6	54.8



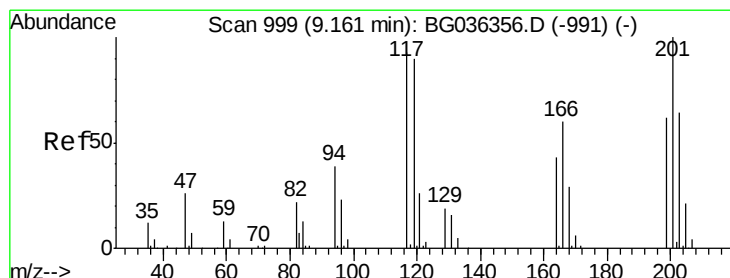
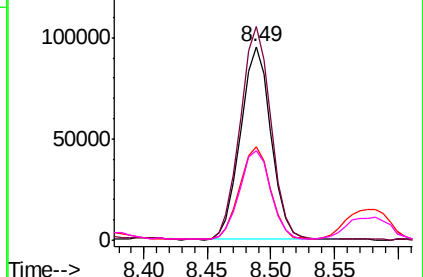
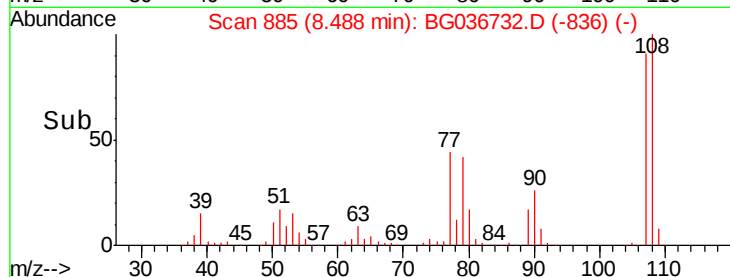
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

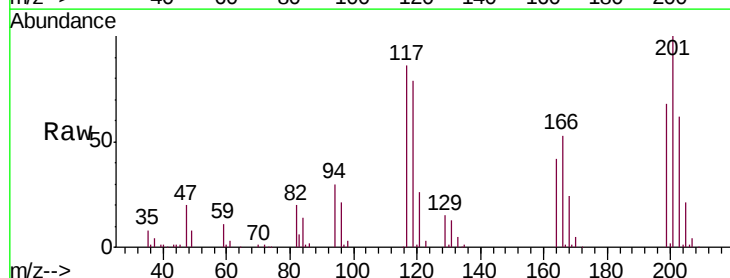
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.961 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion:	117	Resp:	66016
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.8	115.2
201	116.0	85.7	128.5

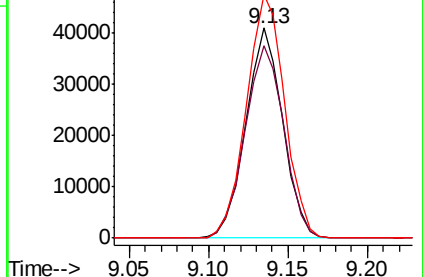
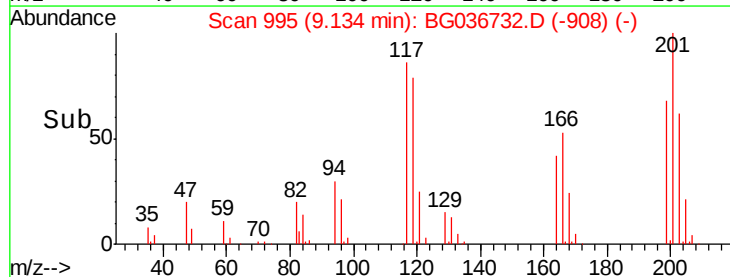


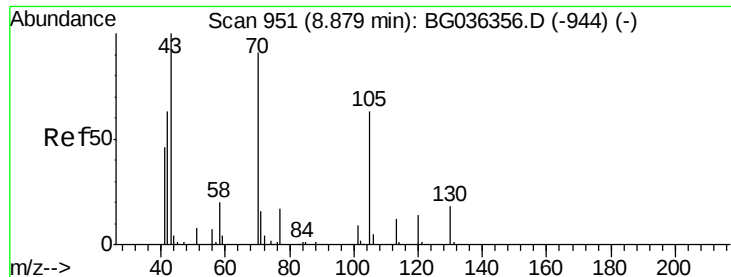
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

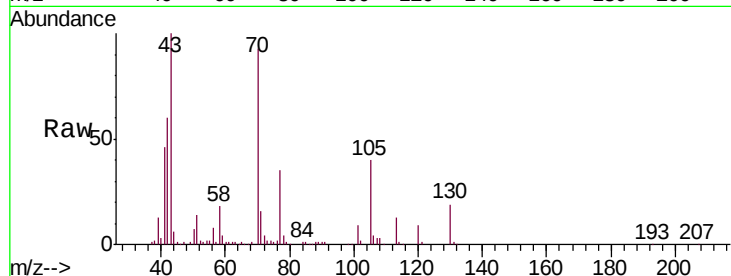




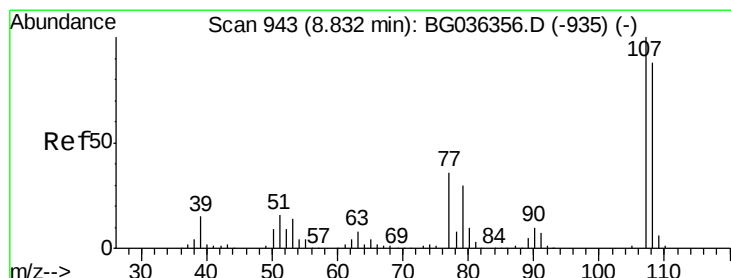
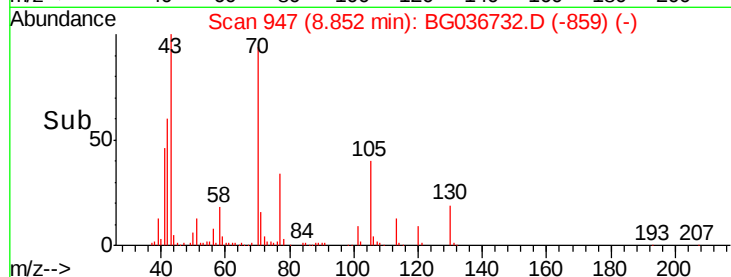
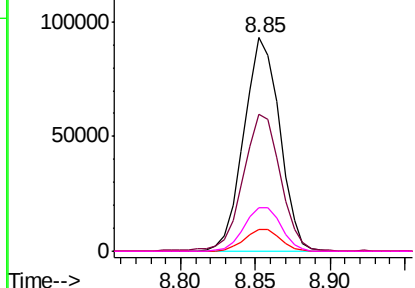
#19
n-Nitroso-di-n-propylamine
Concen: 39.101 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tgt Ion:	70	Resp:	154201
Ion	Ratio	Lower	Upper
70	100		
42	64.2	56.2	84.4
101	10.1	7.8	11.6
130	20.5	16.2	24.2

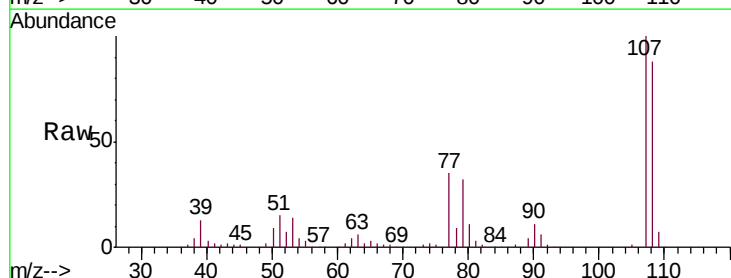


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

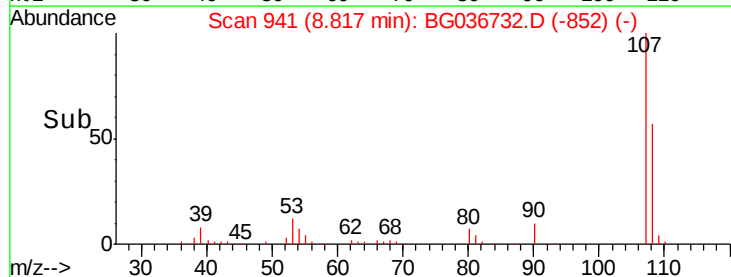
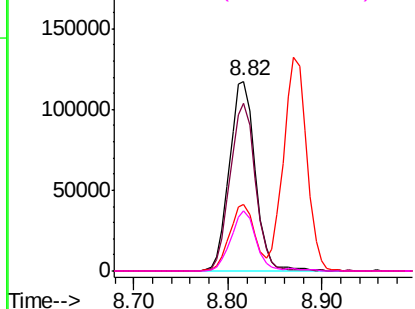


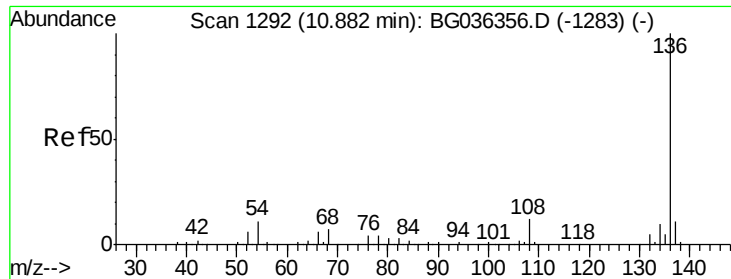
#20
3+4-Methylphenols
Concen: 43.943 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion:	107	Resp:	224955
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.0	108.0
77	35.3	15.6	55.6
79	31.6	9.9	49.9



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

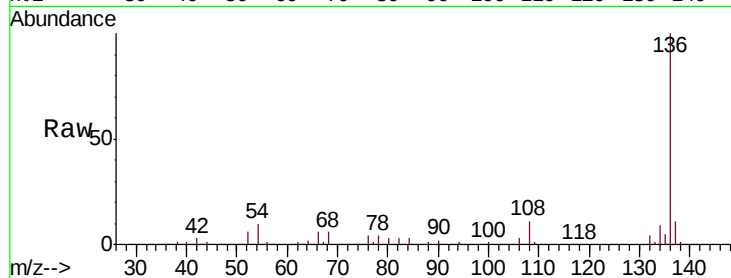




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tgt Ion:	136	Resp:	241161
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.2	9.2	13.8
68	5.7	5.8	8.6#



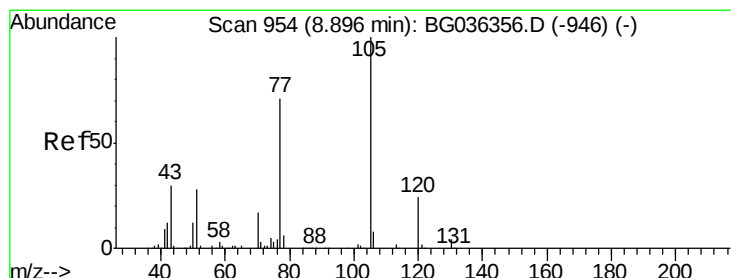
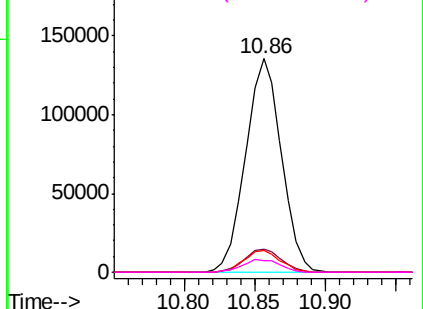
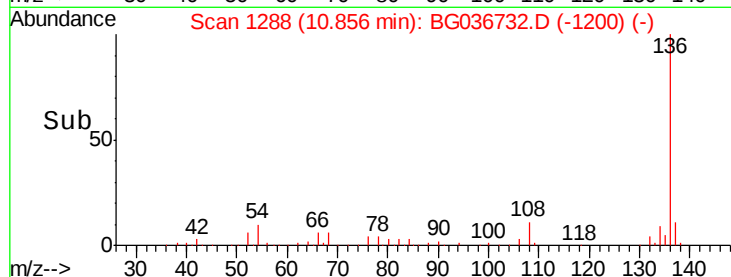
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

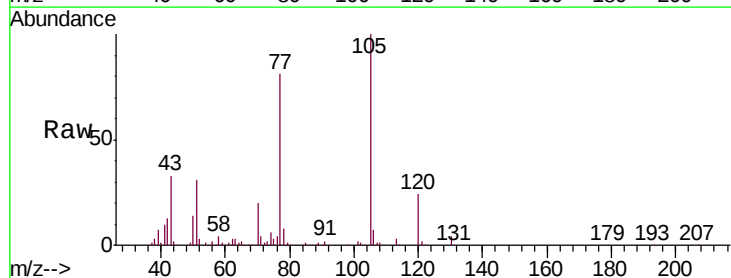
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.081 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion:	105	Resp:	279157
Ion	Ratio	Lower	Upper
105	100		
71	3.8	2.4	3.6#
51	31.4	25.9	38.9
120	23.8	19.4	29.0



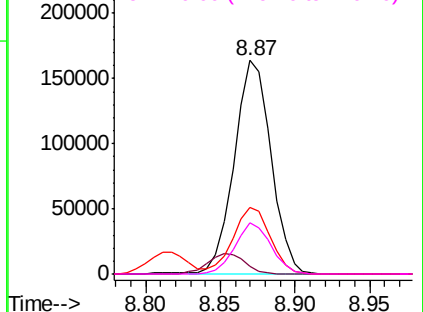
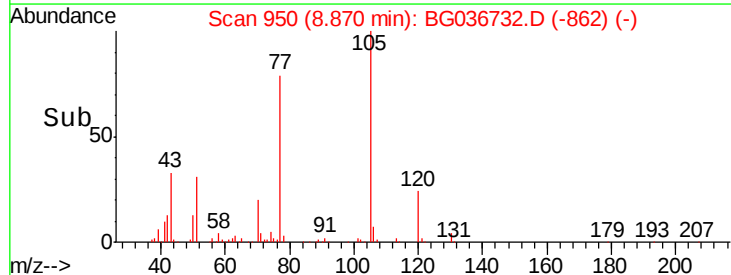
Abundance

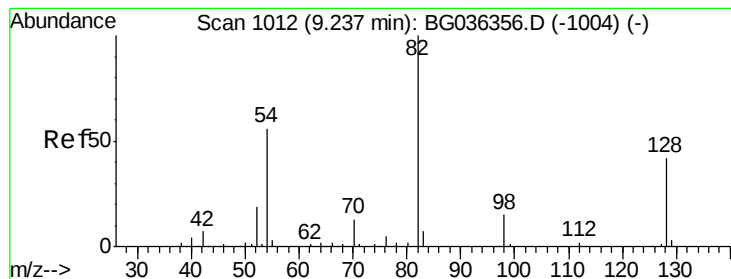
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.448 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

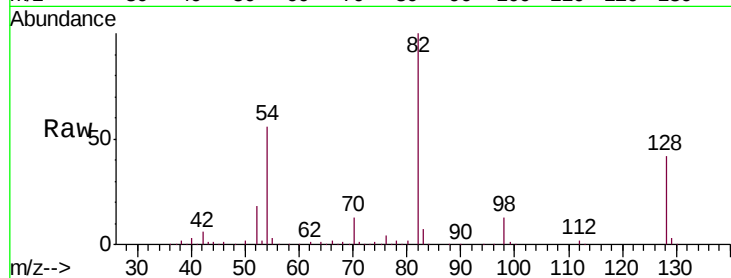
Tgt Ion: 82 Resp: 370909

Ion Ratio Lower Upper

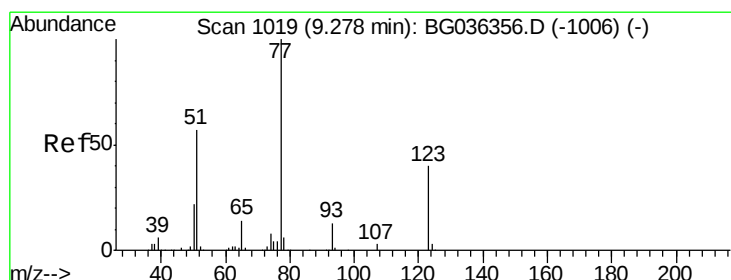
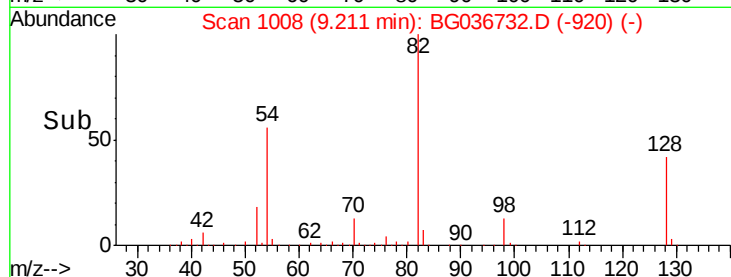
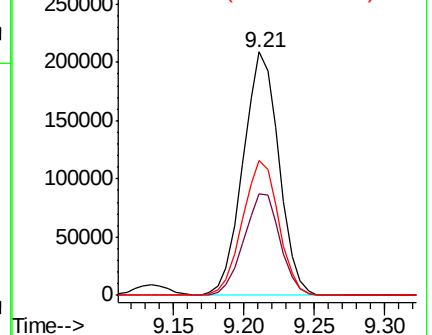
82 100

128 41.9 33.3 49.9

54 55.5 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 48.707 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

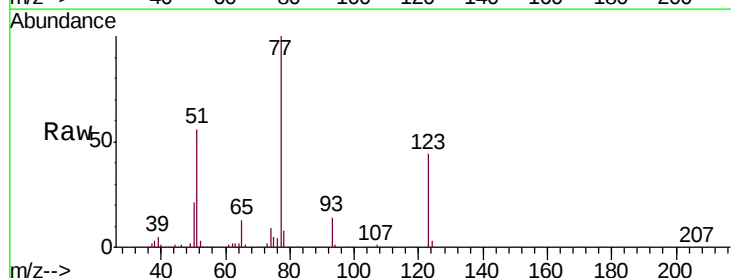
Tgt Ion: 77 Resp: 233450

Ion Ratio Lower Upper

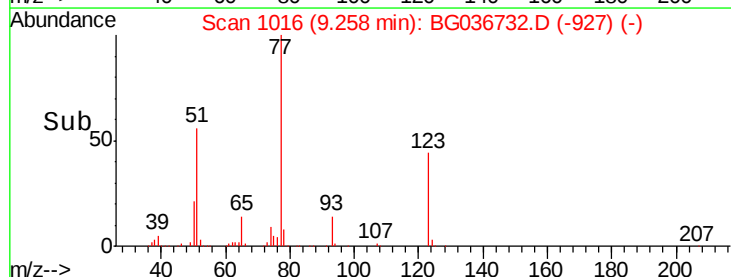
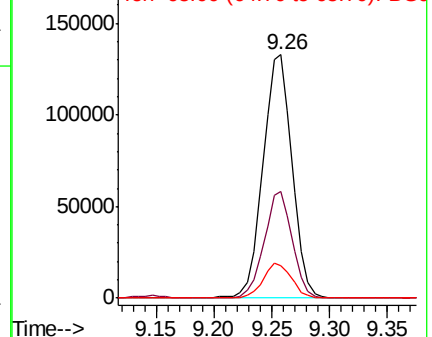
77 100

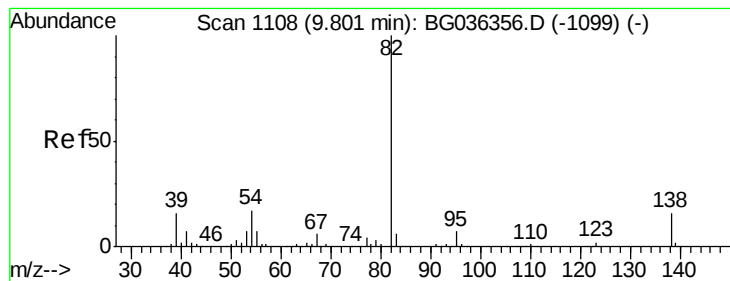
123 44.0 32.4 48.6

65 13.5 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 49.241 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

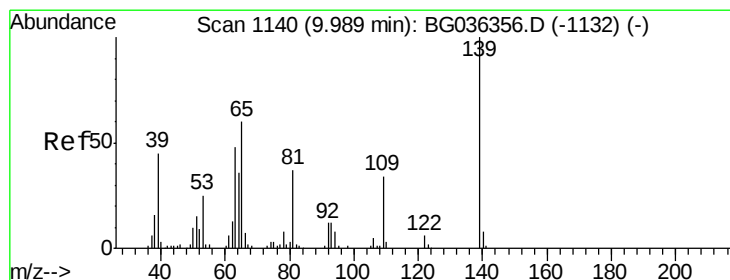
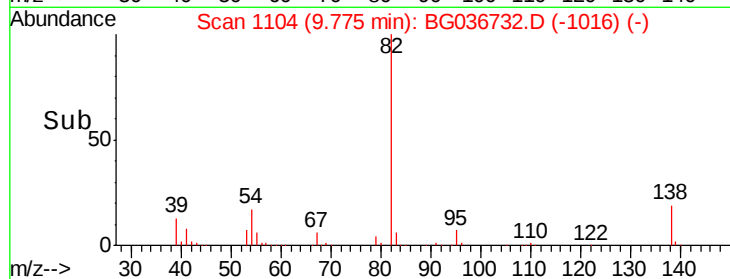
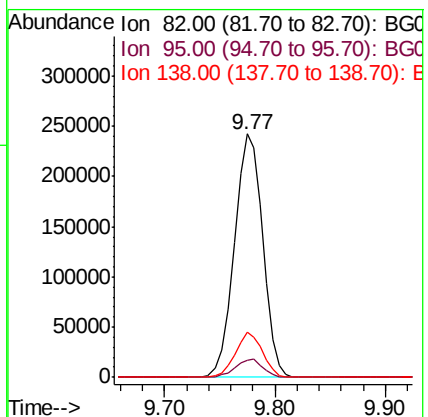
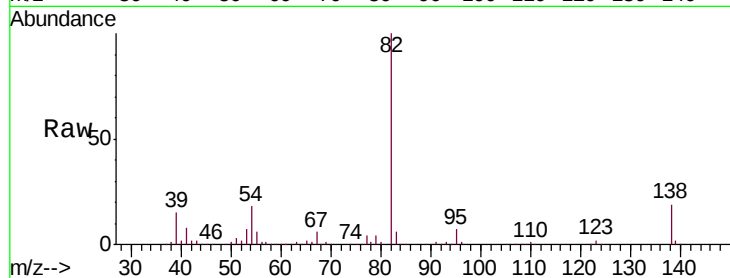
Tgt Ion: 82 Resp: 434787

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

138 18.6 12.9 19.3



#26

2-Nitrophenol

Concen: 53.068 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

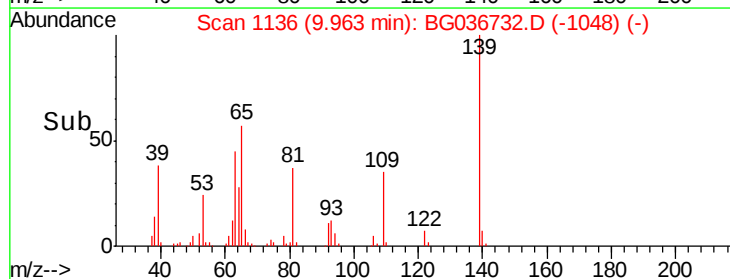
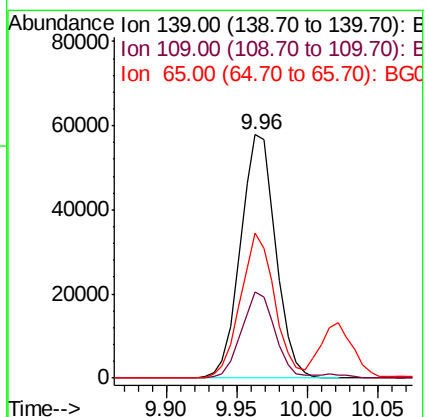
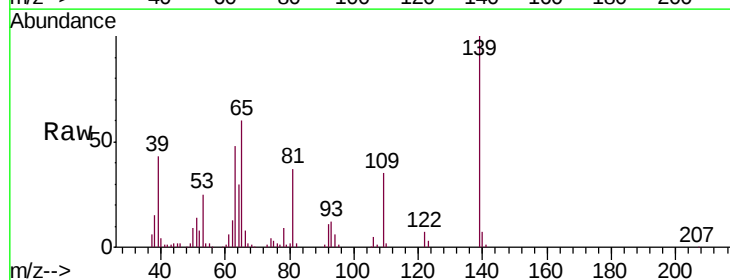
Tgt Ion: 139 Resp: 100792

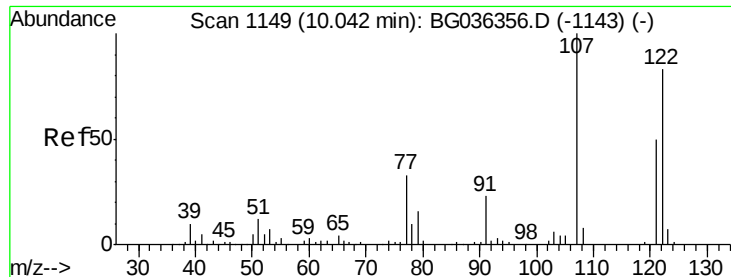
Ion Ratio Lower Upper

139 100

109 35.2 27.4 41.0

65 59.7 47.8 71.6

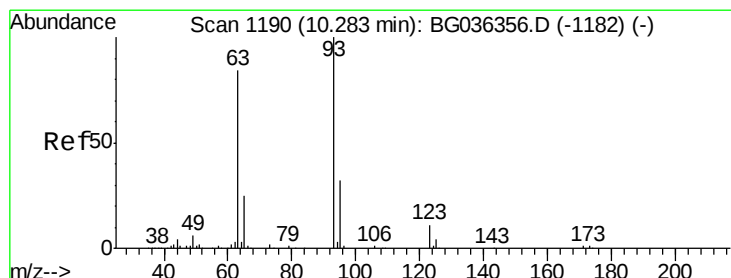
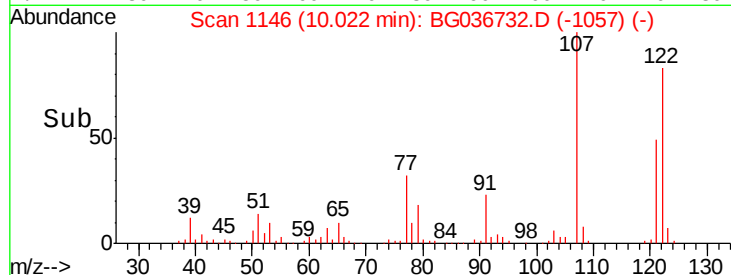
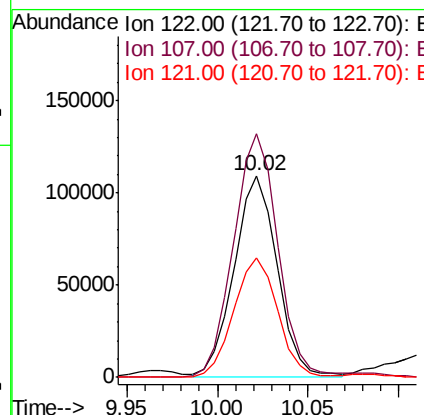
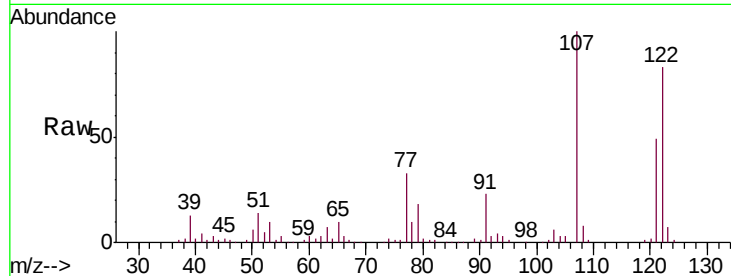




#27
 2,4-Dimethylphenol
 Concen: 51.093 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

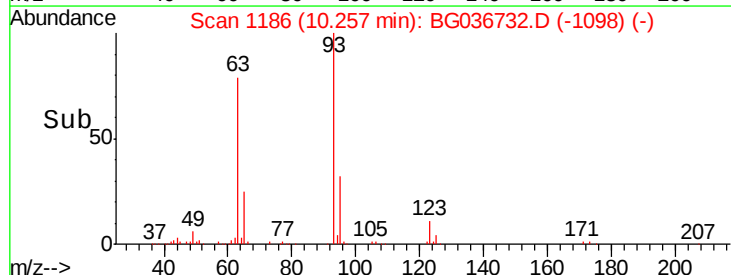
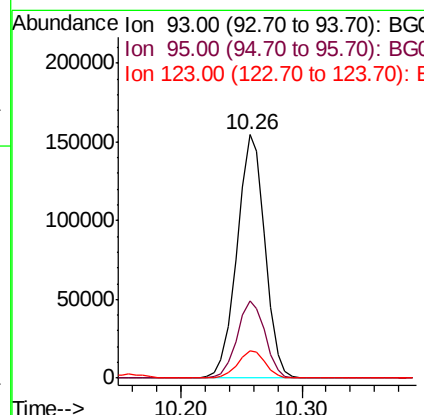
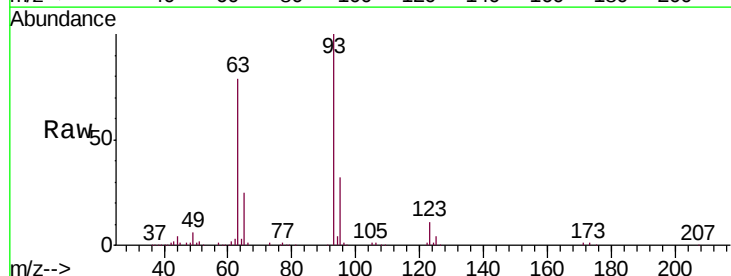
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

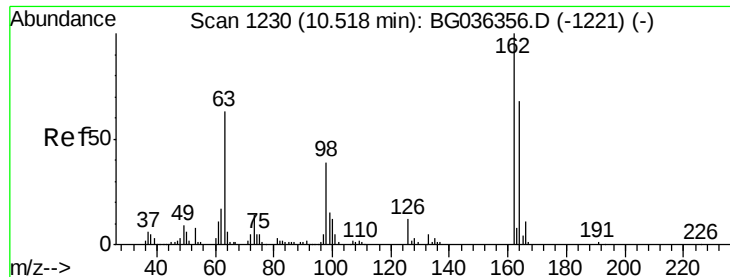
Tgt Ion:122 Resp: 179661
 Ion Ratio Lower Upper
 122 100
 107 120.7 96.0 144.0
 121 58.9 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.709 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion: 93 Resp: 247700
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.2 37.8
 123 11.4 8.6 12.8

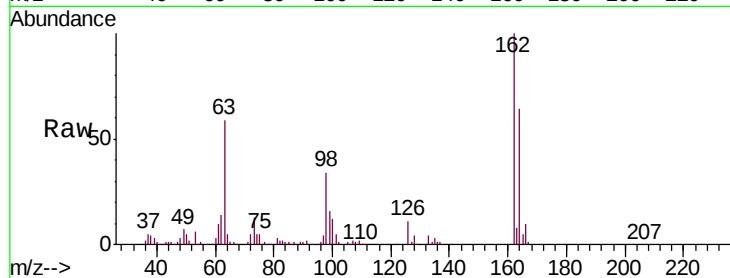




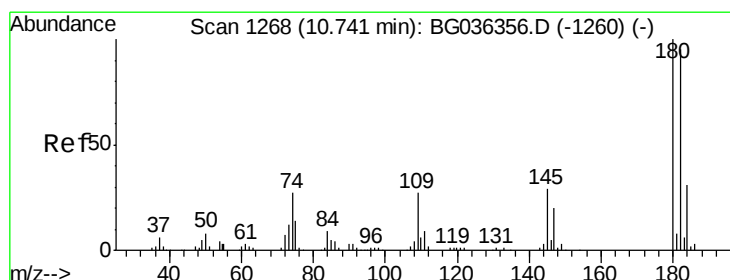
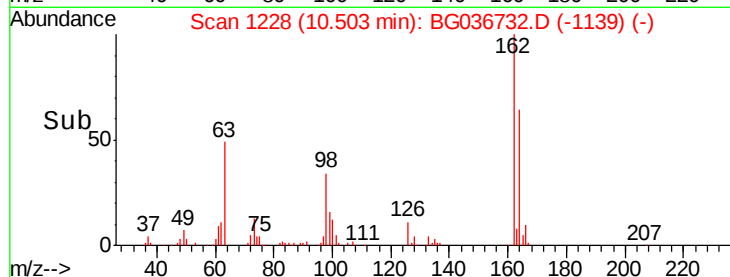
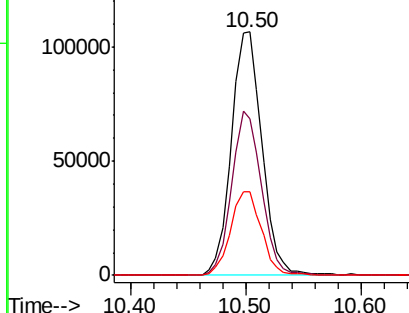
#29
2,4-Dichlorophenol
Concen: 50.853 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	47.6	87.6
98	34.3	19.2	59.2

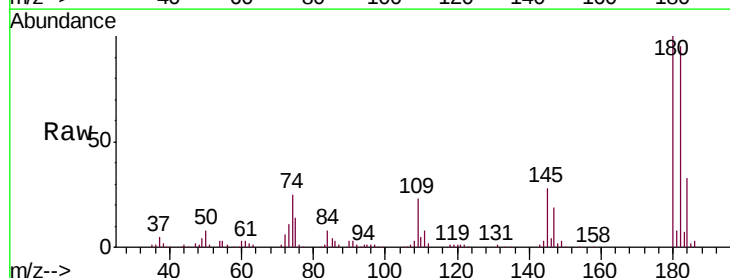


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

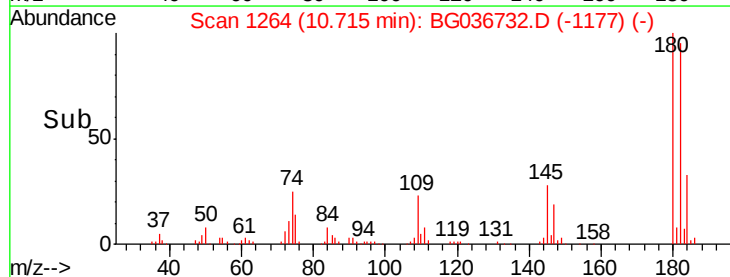
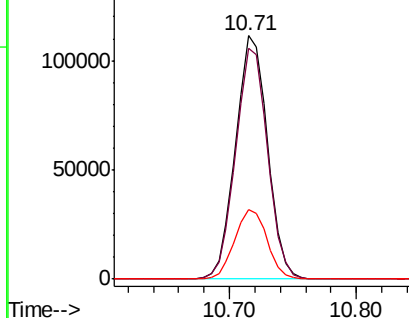


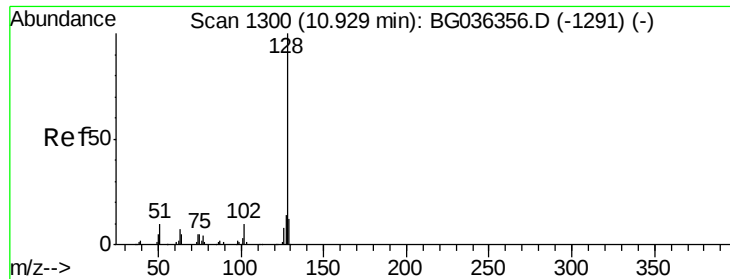
#30
1,2,4-Trichlorobenzene
Concen: 43.017 ng
RT: 10.71 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.0	114.0
145	28.5	22.9	34.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

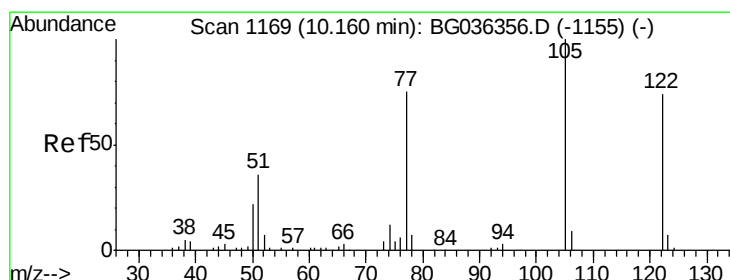
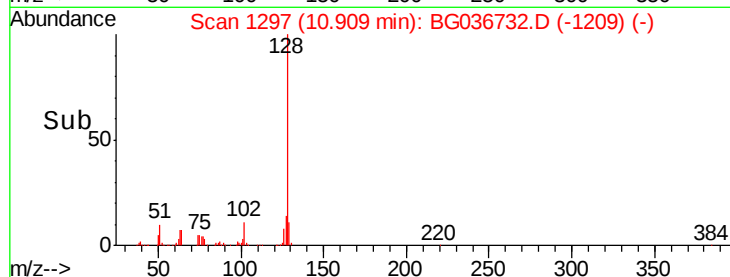
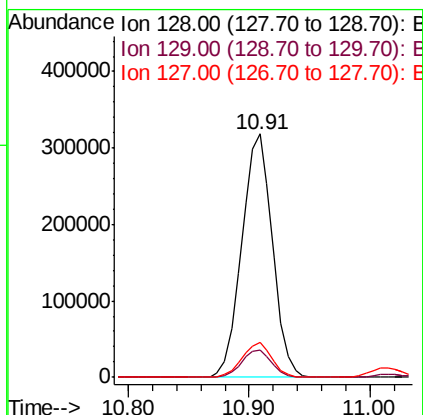
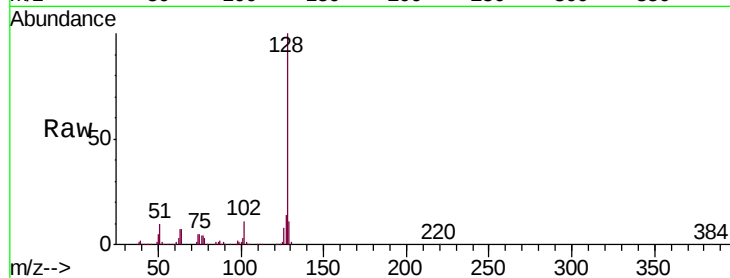




#31
Naphthalene
Concen: 46.659 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

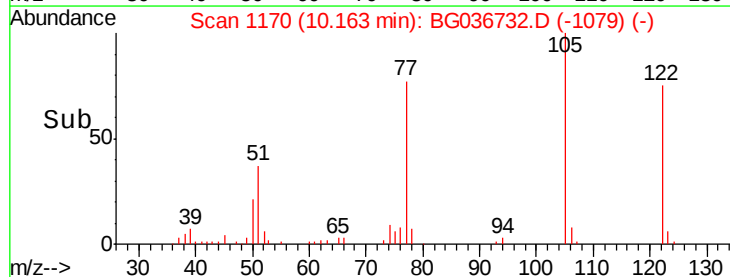
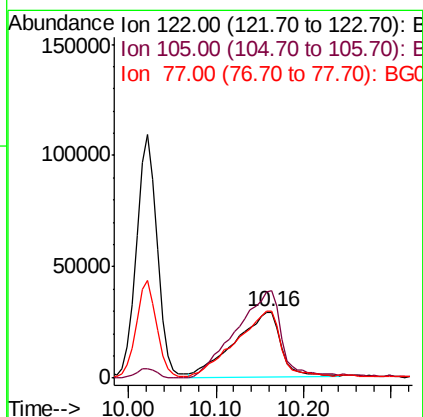
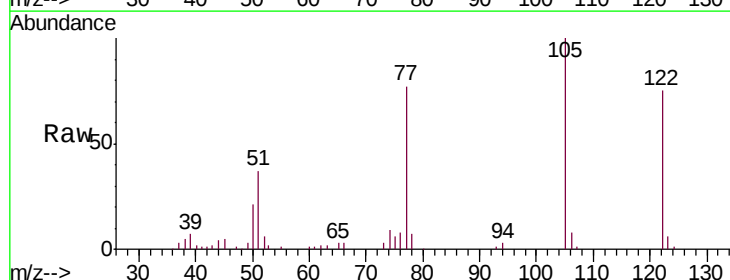
Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

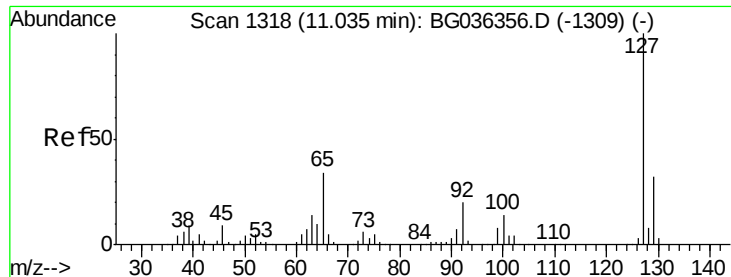
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	14.3	11.0	16.4



#32
Benzoic acid
Concen: 40.577 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.0	108.1	148.1
77	102.3	76.3	116.3

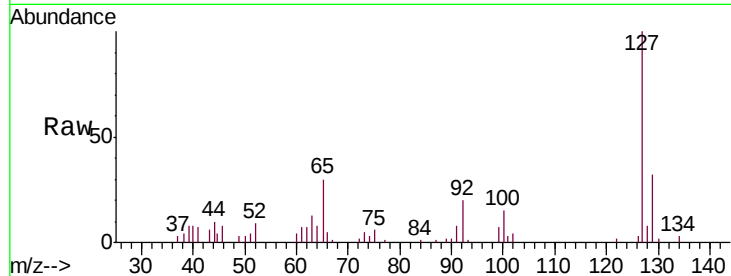




#33
4-Chloroaniline
Concen: 4.362 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tgt Ion:	127	Resp:	24096
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.8	27.5	41.3
92	19.7	16.2	24.2



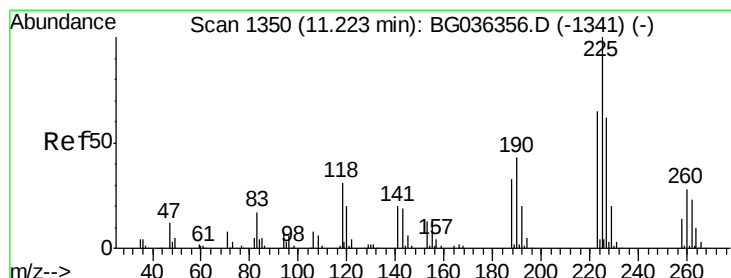
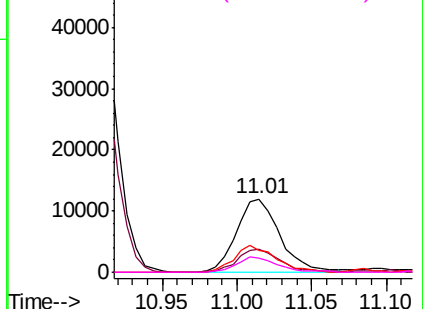
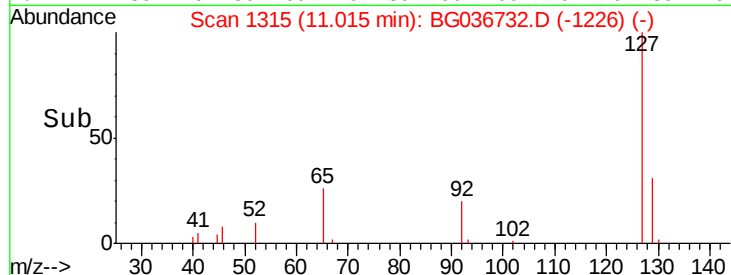
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

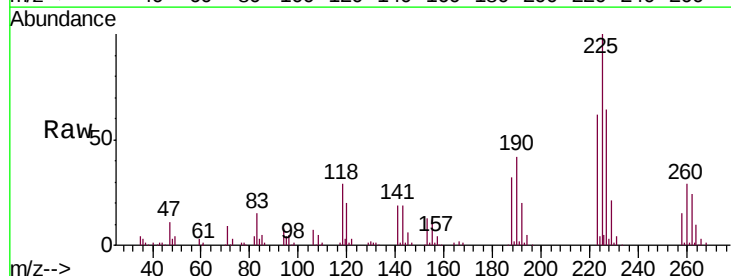
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 43.269 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion:	225	Resp:	131060
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.8	77.8
227	63.7	49.8	74.6

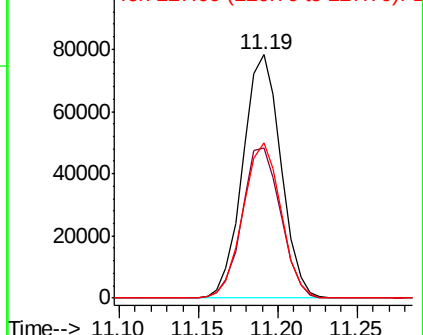
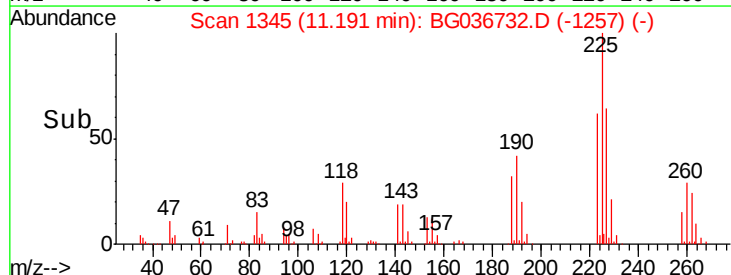


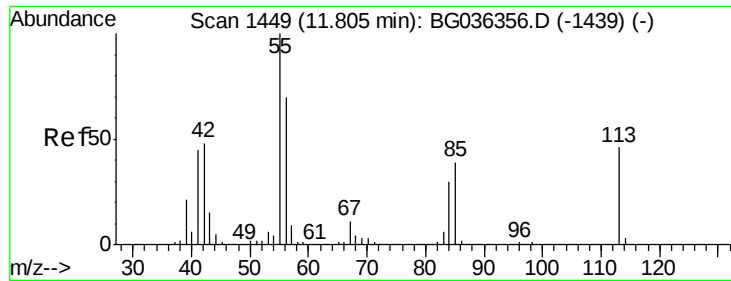
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.520 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

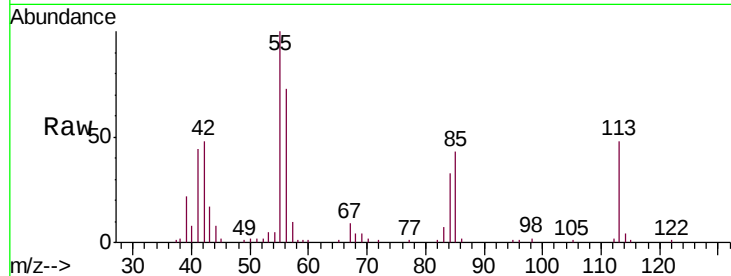
Tgt Ion:113 Resp: 34572

Ion Ratio Lower Upper

113 100

55 207.8 197.7 237.7

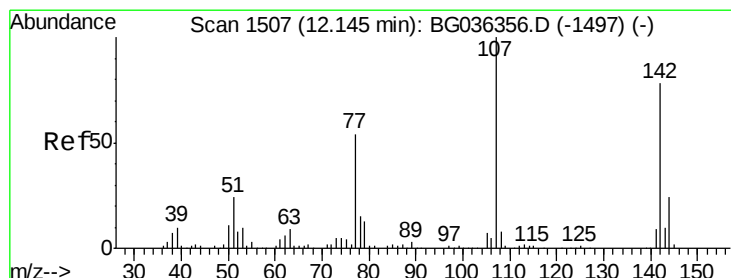
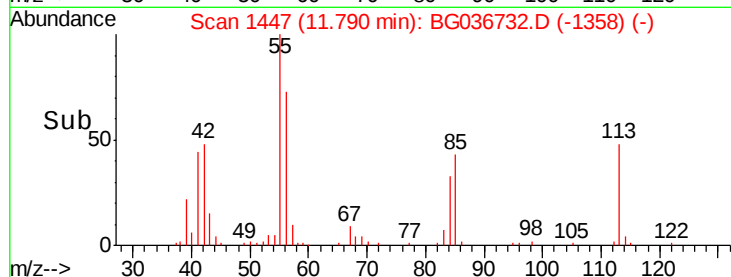
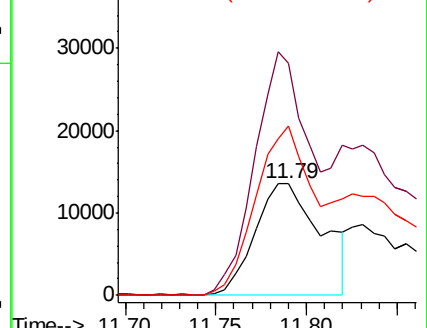
56 152.2 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 50.533 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

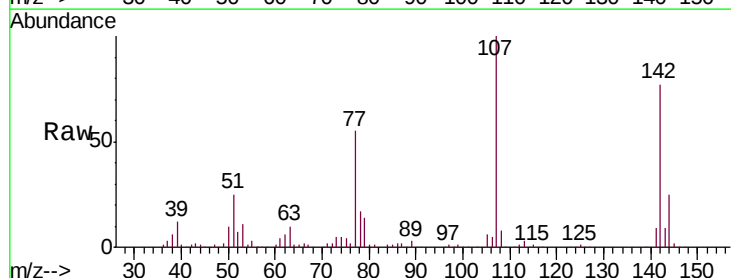
Tgt Ion:107 Resp: 226280

Ion Ratio Lower Upper

107 100

144 25.2 19.5 29.3

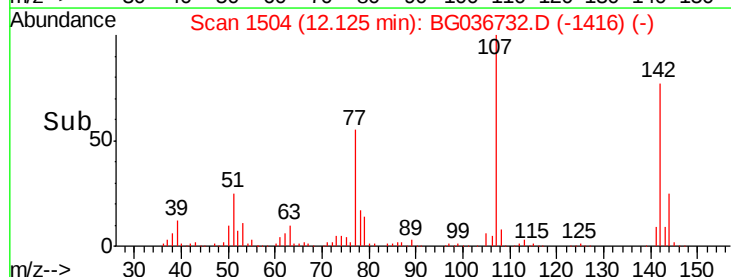
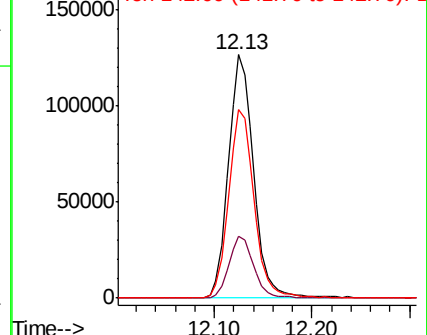
142 77.3 62.4 93.6

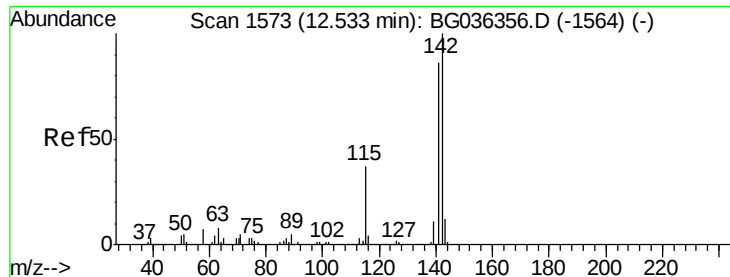


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

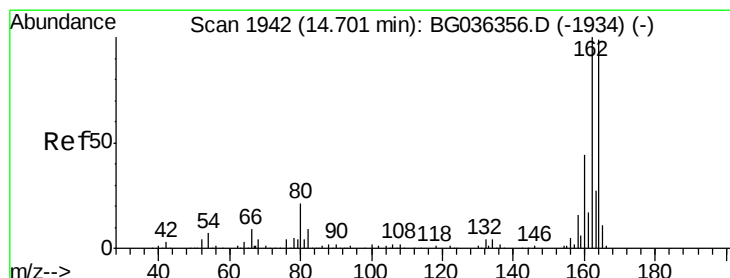
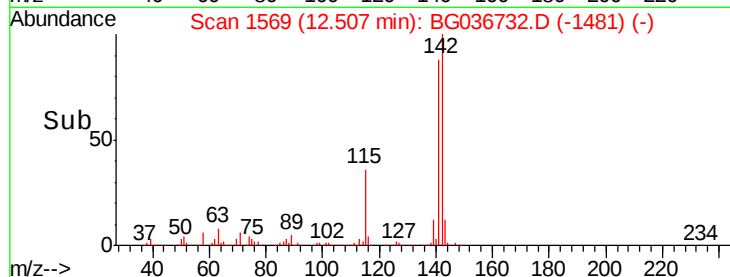
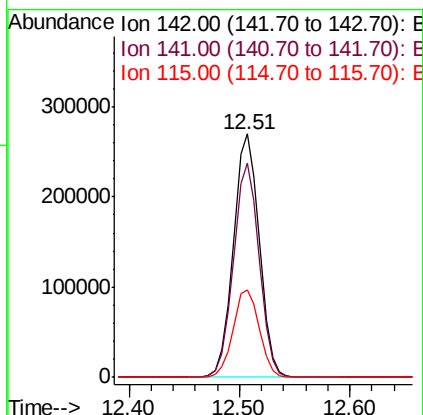
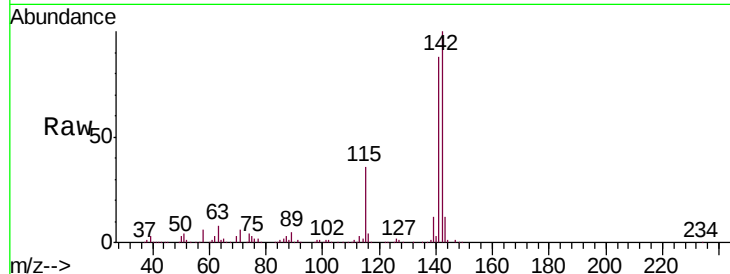




#37
2-Methylnaphthalene
Concen: 50.257 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

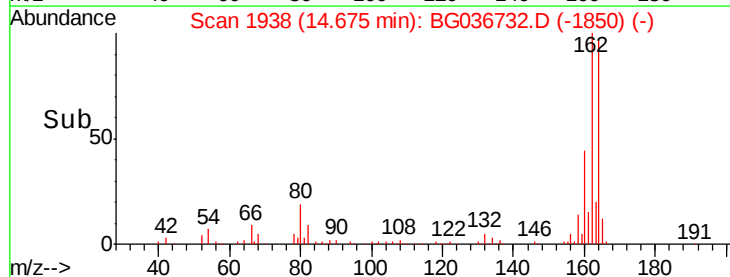
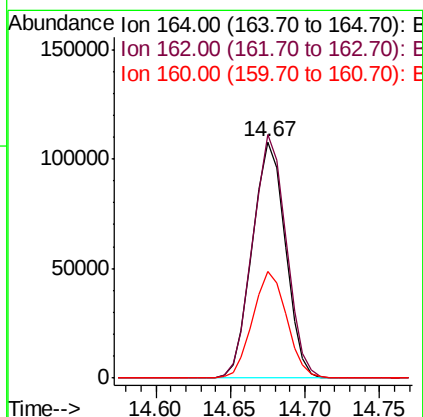
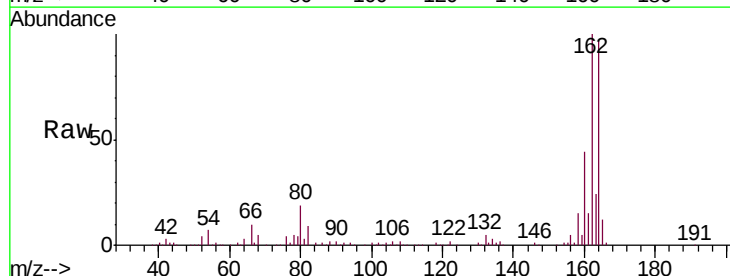
Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

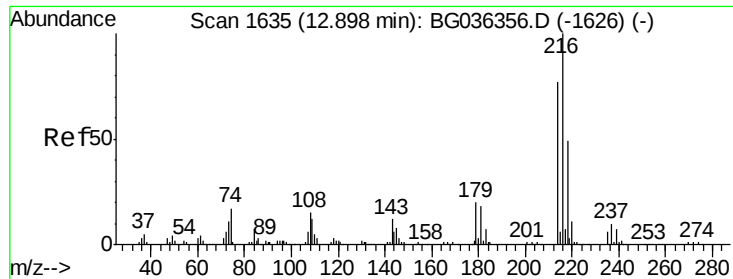
Tgt Ion:142 Resp: 443315
Ion Ratio Lower Upper
142 100
141 87.9 68.5 102.7
115 35.8 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion:164 Resp: 165070
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 45.0 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.689 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

Tgt Ion:216 Resp: 255214

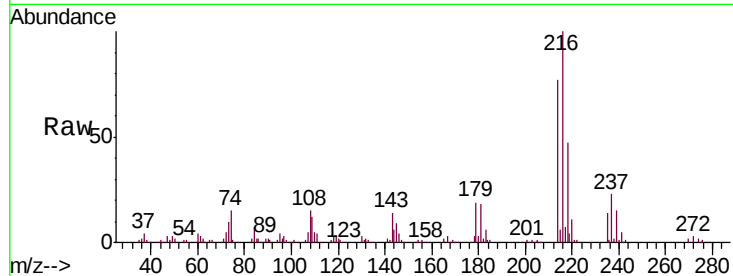
Ion Ratio Lower Upper

216 100

214 77.2 61.0 91.6

179 19.0 15.7 23.5

108 17.4 13.1 19.7

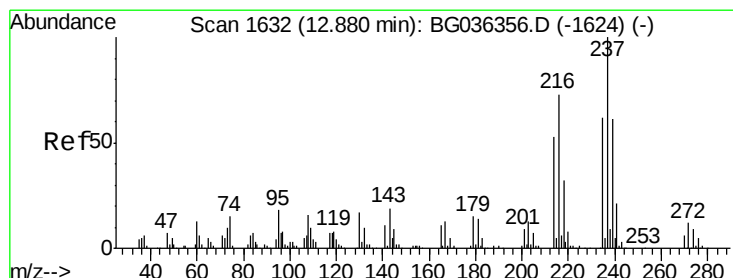
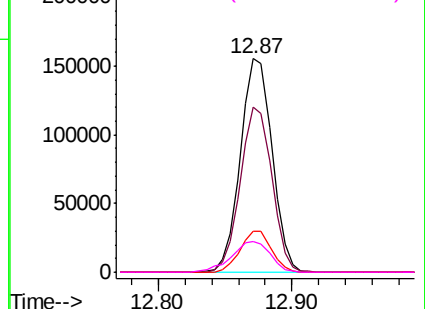
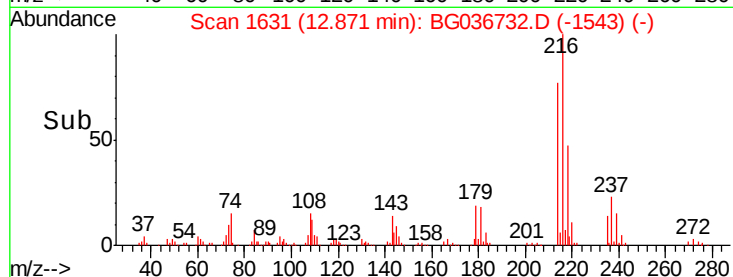


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 99.509 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

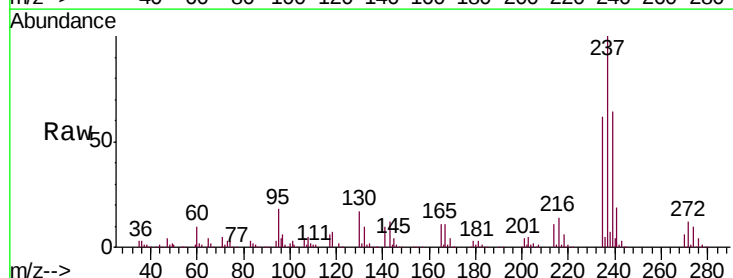
Tgt Ion:237 Resp: 302448

Ion Ratio Lower Upper

237 100

235 62.3 42.2 82.2

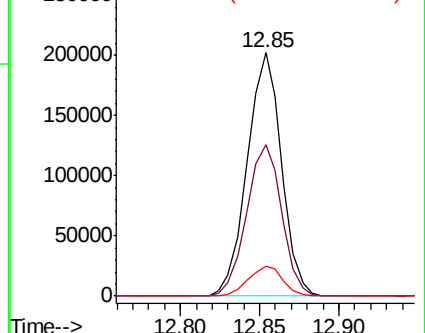
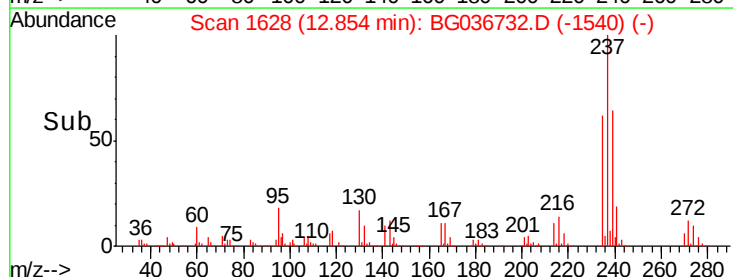
272 12.4 0.0 32.1

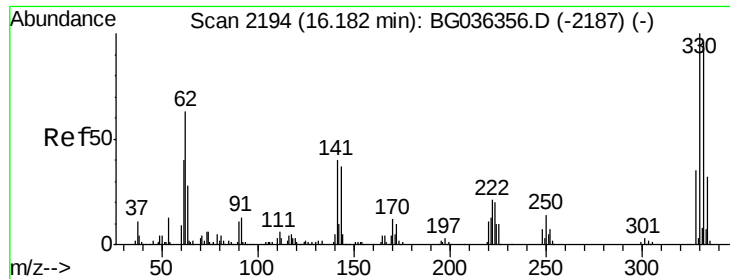


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

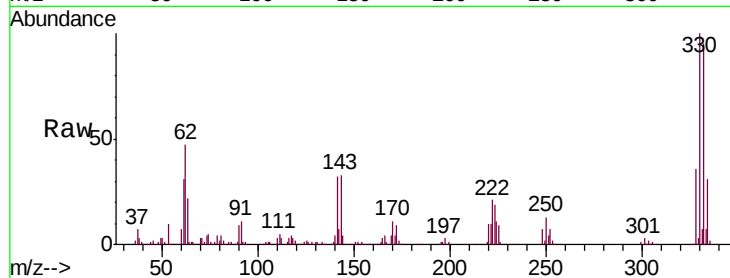




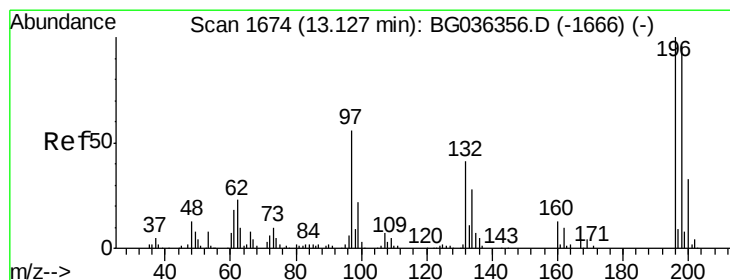
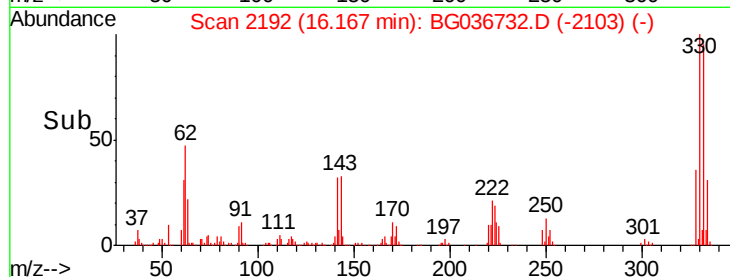
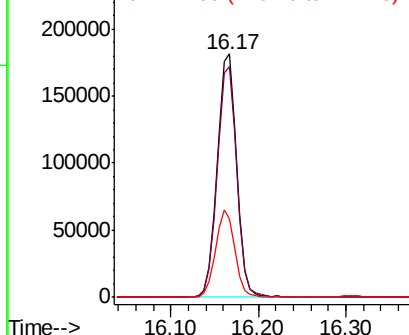
#41
 2,4,6-Tribromophenol
 Concen: 142.854 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tgt Ion:330 Resp: 281373
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.2
 141 35.4 30.7 46.1

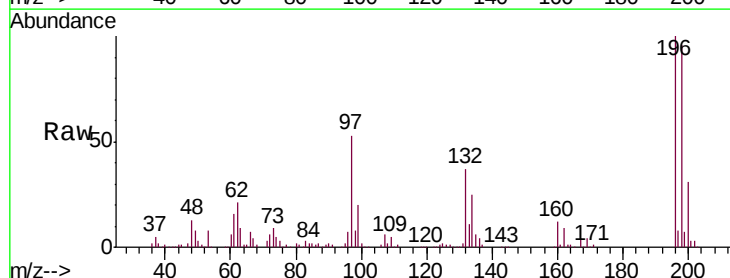


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

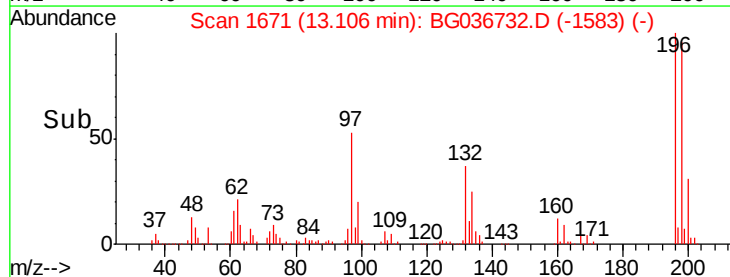
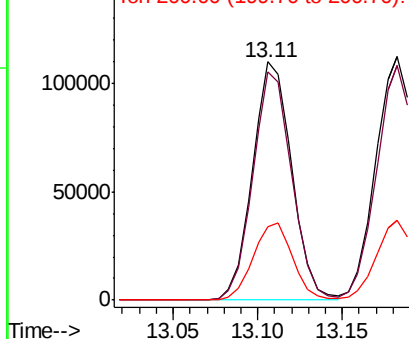


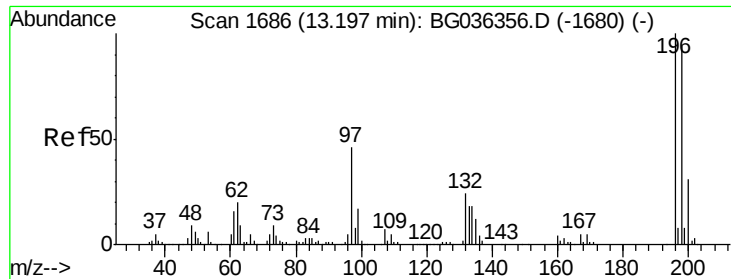
#42
 2,4,6-Trichlorophenol
 Concen: 49.885 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion:196 Resp: 177513
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.2 115.8
 200 31.0 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

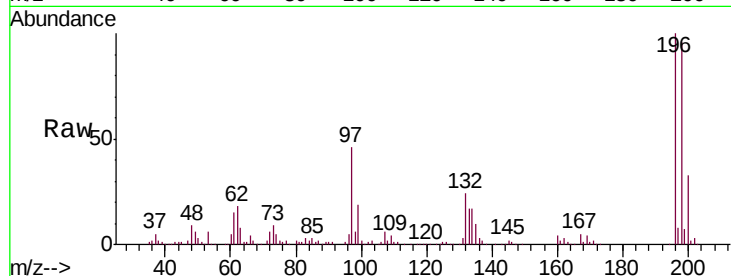




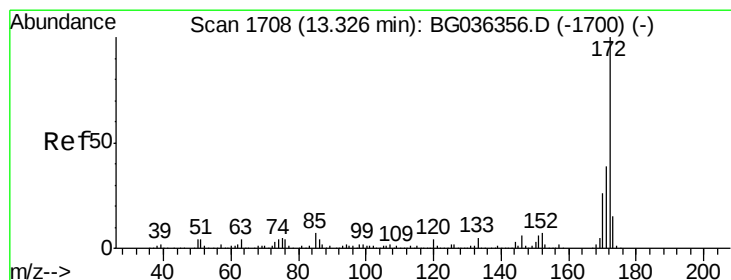
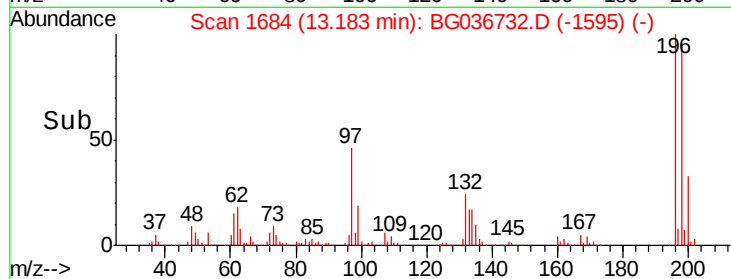
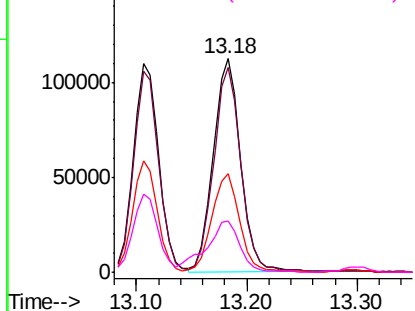
#43
 2,4,5-Trichlorophenol
 Concen: 50.359 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tgt Ion:	196	Resp:	191137
Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.6	113.4
97	46.2	37.2	55.8
132	23.9	19.4	29.2

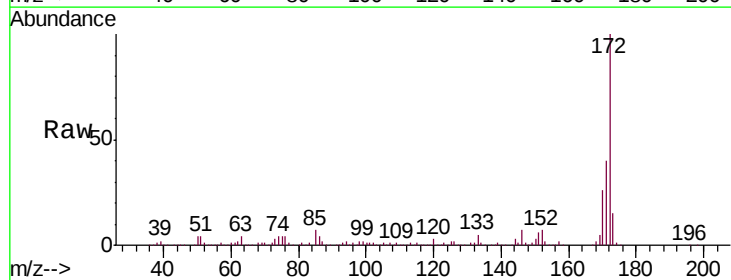


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.594 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion:	172	Resp:	827701
Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.3	46.9
170	26.5	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

